

Appendix A Department-Level Analyses Explained

Important Notes:

Before summarizing the department-level analyses, it is important to note that statistical analyses of aggregate, department-level data can only identify *disparities* in law enforcement/citizen interactions. The analyses contained in this report **cannot** be used as either absolute proof that a law enforcement agency engaged in racially biased conduct or vice versa. Instead, they serve as the starting point for reflection and further learning and discussion.

In the appendices that follow, individual department-level analyses appear for all agencies issuing a minimum of 100 written citations in 2021 and/or 2022. In some instances, a department with 100 written citations still did not have enough cases for certain sub-sections of the full analysis (i.e., the separate Intertwilight Period, or ITP analysis, etc.)³¹; this will be indicated by the notation “N/A” for “not applicable.” In addition, since Massachusetts State Police troops cover multiple jurisdictions, this agency’s ZIP code matching analyses are marked “N/A” as well.

Departments vary in their degree of missing data, as noted in the statistic showing percentage of cases where race/ethnicity was noted as unknown or missing. The percentages provided may not all be out of the precise total number of stops/citations in each form. Higher degrees of missingness for race/ethnicity could impact Veil of Darkness (VoD) analysis results.

For the following analyses, the **unit of analysis** is the **unique stops**:³²

1. ZIP Code Matching Analysis - This analysis examines the percentage of stopped motorists who live in the community where the stop occurred versus the percentage of stopped motorists who do NOT live in the community where the stop occurred. This was accomplished by using the ZIP Code of the home address of the stopped motorist recorded from the driver’s license and comparing it to the ZIP Code of the location where the stop occurred to determine if the ZIP Codes are within the same city/town³³.

2. Descriptive Statistics for All Stops – This section provides the descriptive statistics for all traffic stops conducted by the department that took place during the data collection periods,

³¹Too few cases or too little variability can make statistical results invalid and misleading. When this is the case, statistical analyses were not performed and corresponding portions of the summary sheet labeled “N/A.”

³²A small percentage of stops involved multiple citations within the same stop. In cases where multiple citations were issued during the same stop, all but the first citation were coded as a duplicate and were removed from the dataset to give us only *unique stops*.

³³Official United States Postal Service ZIP codes were identified for each community/police agency using the USPS “Find a ZIP Code” tool <https://tools.usps.com/zip-code-lookup.htm?bycitystate>. In some rare cases, particularly in smaller communities or those with multiple or overlapping ZIP codes, matches may be underestimated slightly.

including the mean age of stopped drivers, and the gender and racial breakdown of all stopped drivers.

3. Descriptive Statistics for Intertwilight Period (ITP) Stops Only - This section provides the descriptive statistics for traffic stops conducted by the department that took place during the data collection periods during the intertwilight period (ITP) only, including the mean age of stopped drivers, and the gender and racial breakdown of all stopped drivers. The Veil of Darkness (VoD) analysis (discussed further in #7 below) is restricted to stops that occurred during the combined dawn and dusk intertwilight period to control for differences in driving populations. Visibility during these times will vary throughout the course of the year, which makes it possible to compare stop decisions *at the same time of day with substantially similar driving populations but in different lighting conditions*. Conveniently, the dawn intertwilight period (from 4:35am – 7:16am) occurs during the morning commute times while the dusk intertwilight period (from 4:14pm – 9:02pm) occurs during the evening commute times.

4. Stopped Motorist Race/Ethnicity Compared to City/Town Demographics - This is the first of two techniques that are referred to as population benchmarks, which are commonly used to evaluate potential racial disparities in law enforcement stop data. This analysis compares the breakdown of stopped motorists in a city/town by race/ethnicity to the community demographics based on the most recent U.S. Census data for residents. The figures displayed in the chart are the differences between the percentage of motorists of a particular race/ethnicity who are stopped in a community and the percentage of a particular race/ethnicity in the population of the city/town. This type of analysis was not performed for state agencies because their jurisdiction covers many different cities/towns.

5. Stopped Motorist Race/Ethnicity Compared to Overall State Average - This is the second of two techniques that are referred to as population benchmarks, which are commonly used to evaluate potential racial disparities in law enforcement stop data. This analysis compares the breakdown of stopped motorists in a city/town by race/ethnicity to a benchmark constructed using stops made by *all* law enforcement agencies in Massachusetts. The figures displayed in the chart are the differences between the percentage of motorists of a particular race/ethnicity who are stopped in a community and the percentage of motorists of a particular race/ethnicity who are stopped overall in Massachusetts.

6. Veil of Darkness (VoD) Analysis for Intertwilight Period (ITP) Only - Developed by Jeffrey Grogger and Greg Ridgeway (2006), the Veil of Darkness (VoD) analysis uses changes in natural light to assess potential disparate treatment in traffic stops. The VoD analysis compares stops made during the day when it is light to those made at night when it is dark to test for disparities when officers can more easily determine the race/ethnicity of the driver. The underlying

assumption is that if law enforcement officers are profiling motorists, they are better able to do so during the daylight hours when race/ethnicity is more easily observed. More specifically, the VoD analysis examines a restricted sample of stops occurring during the intertwilight period, which occurs during morning and/or evening commute times. Visibility during these times will vary throughout the course of the year, which makes it possible to compare stop decisions *at the same time of day with substantially similar driving populations but in different lighting conditions*.

Because we do not have geocoded location information for each stop, we utilize sunset, sunrise, civil twilight and intertwilight period data from the United States Naval Observatory (USNO) for the city of Worcester, Massachusetts since this is the largest city in the center of Massachusetts. The dawn intertwilight period for Worcester is 4:35am through 7:16am and the dusk intertwilight period is 4:14pm through 9:02pm. This analysis includes stops that occurred during the combined dawn and dusk intertwilight periods. Following prior studies, stops that occurred during the civil twilight periods (about 30 minutes prior to sunrise to sunrise, and from sunset to about 30 minutes after sunset) are excluded from the analyses since it is neither light nor dark during these time periods. The VoD analysis is conducted for departments that have a minimum of 100 citations during the combined intertwilight period.

The **chi-square test** is a statistical test used to compare observed results (actual stops) with expected results (expected stops) to determine if the difference between observed data and expected data is due to chance or if it may be due to a relationship between variables being studied. For example, the VoD analysis allows researchers to test whether there are statistically significant disparities in the likelihood that a stopped motorist is Non-White (a motorist who is African American/Black, Hispanic, or Other race) during daylight as compared to darkness. If the chi-square value is significant, this means that the variables have a statistically significant association.

The **Veil of Darkness (VoD analysis)** tests whether the odds of Non-White (a motorist who is African American/Black, Hispanic, or Other race) traffic stops during daylight are significantly different from the odds of Non-White traffic stops during darkness. If the odds ratio is not statistically different from 1.0, then the test finds no difference in stops made during daylight and darkness. If the odds ratio is greater than 1.0 and is statistically significant, however, the test concludes the odds of Non-White drivers being stopped in daylight is significantly higher than in darkness. This is taken as evidence of a racial disparity in stops, after accounting for additional control variables that are available in the stop data, including whether it is a weekday or weekend and the season of the year. Conversely, if the odds ratio is less than 1.0 and statistically significant, the odds of a Non-White driver being stopped in daylight is significantly lower than in darkness (Officer et al., 2020). For example, an odds ratio of 1.79 means that the

odds of a Non-White driver being stopped in daylight are 1.79 (or almost 2) times *higher* than in darkness.

It may be more meaningful to interpret odds ratios that are *below* 2.000 as a percentage. If the odds ratio is *greater* than 1.000 *but less than* 2.000, the figure after the decimal would be the percentage and it would be interpreted as a percentage *increase*. For example, if you have an odds ratio of 1.790, you can interpret this as meaning the odds of a Non-White motorist being stopped during daylight are 79% *higher* than during darkness.

Conversely, if you have an odds ratio *below* 1.000, you can subtract the figure after the decimal from 1 and interpret this as a percentage *decrease*. For example, if you have an odds ratio of .450, you can subtract .45 from 1 to get .55. The interpretation is that the odds of a Non-White motorist being stopped are 55% *lower* during the day than at night.

7. Veil of Darkness (VoD) Analysis for All Stops – Several departments did not meet the minimum sample threshold of at least 100 citations during the combined intertwilight period to be able to conduct the full VoD analysis for the intertwilight period (ITP). Given this, for departments that have at least 100 citations total, we conduct a VoD analysis using all stops. This analysis is not as robust as the VoD model using only stops during the ITPs but it still allows for a comparison of racial differences in stopped motorists in daylight and darkness. Similar to the full VoD analysis described above in #7, the results of the VoD analysis for all stops are displayed as odds ratios.

For the following analyses, the **unit of analysis** is the **citation**:³⁴

8. Stop Rate by City/Town Population – This figure is the citation rate per thousand 18+ city/town residents, based on 2020 decennial Census data. For example, if the citation rate was 94.3, this means about 94 individuals out of every 1,000 people living in this city/town were stopped and cited during the data collection periods. This is a local, city/town estimate of the rate of police traffic enforcement that standardizes for population size.

9. Stop Outcomes by Race - This analytical tool is intended to test for disparities in the outcomes of the traffic stops to determine whether traffic stops for Non-White motorists (a motorist who is African American/Black, Hispanic, or Other race) result in different penalties relative to their White counterparts. Possible outcomes include a warning, civil citation, criminal citation, or an arrest. These figures represent the percentage of outcome by

³⁴A small percentage of stops did involve multiple citations within the same stop. In these analyses, all citations issued within the same stop were included.

race/ethnicity, based on total citations written. For example, are there disparities in who gets a written warning versus who gets a citation?

To investigate this, we first utilized cross-tabs to determine if there are disparities in outcomes by race/ethnicity. Additionally, the cross-tabs were also tested for statistical significance with chi-squares. The chi-square test is a statistical test used to compare observed results (actual stop outcomes) with expected results (expected stop outcomes) to determine if the difference between observed data and expected data is due to chance or if it may be due to a relationship between variables being studied. This particular analysis allows researchers to test whether there are statistically significant disparities by race that a stopped motorist is given a warning, citation or is arrested. If the chi-square value is significant, this means that the variables have a statistically significant association and the pattern shown is not by chance.

10. Non-Inventory Searches by Race - The final analytical tool used in this study is intended to test for disparities in the decision to conduct discretionary searches. For example, are Non-White motorists (a motorist who is African American/Black, Hispanic, or Other race) more likely to be subject to non-inventory, discretionary searches than White motorists?

To investigate this, we first utilized cross-tabs to determine if there are disparities in discretionary, non-inventory searches by race/ethnicity. For agencies with *at least* 100 searches, this is presented as a percentage. For agencies with *less than* 100 searches, this is presented as a count. Less than 1% of all traffic stops statewide resulted in a discretionary, non-inventory search in both years studied.

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Appendix C 2021 Department-Level Analyses Tables

This page is intentionally left blank. Department-level analyses tables begin on the next page.

2021 MUNICIPAL POLICE DEPARTMENTS

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ABINGTON POLICE DEPARTMENT

| Total Citations ¹ : 1,739 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 24.1% | Citations per 1000 | |
| | Passing through: | 75.9% | 18 + residents: | 129.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,395) | | | | ITP Stops ³ (N = 256) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.25 | | | | 38.77 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.4% | | | | Female 36.2% | | | |
| Male 60.4% | | | | Male 63.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 1.9% | | | | Race % Mis/Unk ⁴ 3.1% | | | |
| AA/Black 12.6% | | | | AA/Black 10.9% | | | |
| Hispanic 2.0% | | | | Hispanic 3.6% | | | |
| White 84.7% | | | | White 85.1% | | | |
| Other 0.7% | | | | Other 0.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.6% | 2.0% | 10.6% | AA/Black | 12.6% | 14.4% | -1.8% |
| Hispanic | 2.0% | 2.6% | -0.6% | Hispanic | 2.0% | 14.5% | -12.5% |
| White | 84.7% | 88.2% | -3.5% | White | 84.7% | 66.4% | 18.3% |
| Other | 0.7% | 6.4% | -5.7% | Other | 0.7% | 4.6% | -3.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 193 | 13.5% | 25.1% | NW | 33 | 11.3% | 21.3% |
| White | 1,075 | 86.5% | 74.9% | White | 176 | 88.7% | 78.8% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .049* sig. | | | |
| Odds ratio Exp(B) ⁷ : .477* sig. | | | | Odds ratio Exp(B) ⁷ : .363 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 59.3% | 19.0% | 20.4% | 1.4% | NW | 0 | N/A |
| Hispanic | 32.4% | 11.8% | 55.9% | 0.0% | White | 6 | N/A |
| White | 64.2% | 22.9% | 10.9% | 2.0% | | | |
| Other | 75.0% | 25.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ACTON POLICE DEPARTMENT

| Total Citations ¹ : 1,100 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 26.0% | Citations per 1000 | |
| | Passing through: | 74.0% | 18 + residents: | 61.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,047) | | | | ITP Stops ³ (N = 319) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.47 | | | | 40.49 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.6% | | | | Female 30.7% | | | |
| Male 65.3% | | | | Male 68.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 28.8% | | | | Race % Mis/Unk ⁴ 27.6% | | | |
| AA/Black 8.3% | | | | AA/Black 7.8% | | | |
| Hispanic 6.2% | | | | Hispanic 9.5% | | | |
| White 79.6% | | | | White 77.1% | | | |
| Other 5.9% | | | | Other 5.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.3% | 1.5% | 6.8% | AA/Black | 8.3% | 14.4% | -6.1% |
| Hispanic | 6.2% | 3.5% | 2.7% | Hispanic | 6.2% | 14.5% | -8.3% |
| White | 79.6% | 66.1% | 13.5% | White | 79.6% | 66.4% | 13.2% |
| Other | 5.9% | 29.1% | -23.2% | Other | 5.9% | 4.6% | 1.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 144 | 18.6% | 26.3% | NW | 50 | 27.0% | 17.6% |
| White | 557 | 81.4% | 73.7% | White | 161 | 73.0% | 82.4% |
| Chi-square, X-tab ⁶ : .030* sig. | | | | Chi-square, X-tab ⁶ : .124 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .656 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.640 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 44.4% | 27.0% | 25.4% | 3.2% | NW | 2 | N/A |
| Hispanic | 22.0% | 20.0% | 54.0% | 4.0% | White | 10 | N/A |
| White | 53.5% | 29.6% | 14.0% | 2.9% | | | |
| Other | 45.7% | 30.4% | 21.7% | 2.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ACUSHNET POLICE DEPARTMENT

| Total Citations ¹ : 224 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
|--|-------------------------------|----------------------|-----------------|-----------------------------------|--------------------------------------|---------|----------------------|-----------------|----------|----------|
| | Intown motorist: 47.8% | | | Citations per 1000 | | | | | | |
| | Passing through: 52.2% | | | 18 + residents: 25.2 | | | | | | |
| ¹ Total <i>citations</i> issued by department, <u>including</u> multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 182) | | | | | ITP Stops ³ (N = 96) | | | | | |
| Mean age | | | | | Mean age | | | | | |
| 33.21 | | | | | 33.29 | | | | | |
| Gender % | | | | | Gender % | | | | | |
| Female | | 19.3% | | | Female | | 17.7% | | | |
| Male | | 80.7% | | | Male | | 82.3% | | | |
| Non-binary | | 0.0% | | | Non-binary | | 0.0% | | | |
| Race | % | Mis/Unk ⁴ | 1.1% | | Race | % | Mis/Unk ⁴ | 0.0% | | |
| AA/Black | | 8.3% | | | AA/Black | | 7.3% | | | |
| Hispanic | | 1.7% | | | Hispanic | | 0.0% | | | |
| White | | 90.0% | | White | | 92.7% | | | | |
| Other | | 0.0% | | Other | | 0.0% | | | | |
| ² Total unique <i>stop</i> incidents by department, <u>excluding</u> multiple-citation encounters and crashes | | | | | | | | | | |
| ³ <u>Only</u> those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 8.3% | 0.1% | 8.2% | | AA/Black | 8.3% | 14.4% | -6.1% | | |
| Hispanic | 1.7% | 3.4% | -1.7% | | Hispanic | 1.7% | 14.5% | -12.8% | | |
| White | 90.0% | 88.0% | 2.0% | | White | 90.0% | 66.4% | 23.6% | | |
| Other | 0.0% | 4.7% | -4.7% | | Other | 0.0% | 4.6% | -4.6% | | |
| ⁵ State average represents racial/ethnic breakdown of <i>all</i> 2021 stops by <i>all</i> MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | | 18 | 6.8% | | 15.4% | NW | | 7 | 5.4% | 11.4% |
| White | | 148 | 93.2% | | 84.6% | White | | 84 | 94.6% | 88.6% |
| Chi-square, X-tab ⁶ : | | .076 | <i>not sig.</i> | | Chi-square, X-tab ⁶ : | | .290 | <i>not sig.</i> | | |
| Odds ratio Exp(B) ⁷ : | | .250* | <i>sig.</i> | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ <i>Sig.</i> <i>Chi-square</i> indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 29.4% | 0.0% | 47.1% | 23.5% | NW | 1 | N/A | | | |
| Hispanic | 0.0% | 0.0% | 33.3% | 66.7% | White | 2 | N/A | | | |
| White | 36.8% | 10.0% | 44.3% | 9.0% | | | | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .019* <i>sig.</i> | | | | | | |
| ⁸ Analyzes total <i>citations</i> issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ADAMS POLICE DEPARTMENT

| Total Citations ¹ : 318 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
|--|-------------------------------|----------------------|-----------------|-----------------------------------|--------------------------------------|---------|----------------------|----------|
| | Intown motorist: 36.6% | | | Citations per 1000 | | | | |
| | Passing through: 63.4% | | | 18 + residents: 47.9 | | | | |
| ¹ Total citations issued by department, <u>including</u> multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 235) | | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | | Mean age | | | |
| 37.2 | | | | | N/A | | | |
| Gender % | | | | | Gender % | | | |
| Female | | 41.4% | | | Female | | N/A | |
| Male | | 58.6% | | | Male | | N/A | |
| Non-binary | | 0.0% | | | Non-binary | | N/A | |
| Race % | | Mis/Unk ⁴ | 6.0% | | Race % | | Mis/Unk ⁴ | N/A |
| AA/Black | | 6.3% | | | AA/Black | | N/A | |
| Hispanic | | 1.4% | | | Hispanic | | N/A | |
| White | | 90.5% | | White | | N/A | | |
| Other | | 1.8% | | Other | | N/A | | |
| ² Total unique stop incidents by department, <u>excluding</u> multiple-citation encounters and crashes | | | | | | | | |
| ³ <u>Only</u> those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 6.3% | 0.9% | 5.4% | | AA/Black | 6.3% | 14.4% | -8.1% |
| Hispanic | 1.4% | 1.5% | -0.1% | | Hispanic | 1.4% | 14.5% | -13.1% |
| White | 90.5% | 95.4% | -4.9% | | White | 90.5% | 66.4% | 24.1% |
| Other | 1.8% | 2.3% | -0.5% | | Other | 1.8% | 4.6% | -2.8% |
| ⁵ State average represents racial/ethnic breakdown of <i>all</i> 2021 stops by <i>all</i> MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race N | | Daylight | Darkness | | Race N | | Daylight | Darkness |
| NW | 16 | 7.2% | 11.9% | | NW | N/A | N/A | N/A |
| White | 179 | 92.8% | 88.1% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .324 | <i>not sig.</i> | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .596 | <i>not sig.</i> | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. <i>Chi-square</i> indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 33.3% | 16.7% | 50.0% | 0.0% | NW | 0 | N/A | |
| Hispanic | 0.0% | 0.0% | 100.0% | 0.0% | White | 3 | N/A | |
| White | 60.1% | 14.8% | 22.9% | 2.2% | | | | |
| Other | 60.0% | 40.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .003* <i>sig.</i> | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

AGAWAM POLICE DEPARTMENT

| Total Citations ¹ : 895 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 28.1% | Citations per 1000 | |
| | Passing through: | 71.9% | 18 + residents: | 37.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 825) | | | | ITP Stops ³ (N = 410) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.77 | | | | 37.99 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.7% | | | | Female 38.0% | | | |
| Male 63.3% | | | | Male 62.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.0% | | | | Race % Mis/Unk ⁴ 0.5% | | | |
| AA/Black 7.6% | | | | AA/Black 7.1% | | | |
| Hispanic 11.3% | | | | Hispanic 8.6% | | | |
| White 79.2% | | | | White 81.6% | | | |
| Other 2.0% | | | | Other 2.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.6% | 2.2% | 5.4% | AA/Black | 7.6% | 14.4% | -6.8% |
| Hispanic | 11.3% | 5.4% | 5.9% | Hispanic | 11.3% | 14.5% | -3.2% |
| White | 79.2% | 88.9% | -9.7% | White | 79.2% | 66.4% | 12.8% |
| Other | 2.0% | 4.1% | -2.1% | Other | 2.0% | 4.6% | -2.6% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 156 | 17.5% | 25.1% | NW | 67 | 15.6% | 23.4% |
| White | 584 | 82.5% | 74.9% | White | 289 | 84.4% | 76.6% |
| Chi-square, X-tab ⁶ : .011* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .064 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .592* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .496 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|-------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 57.5% | 4.1% | 32.9% | 5.5% | NW | 0 | N/A |
| Hispanic | 67.0% | 9.7% | 17.5% | 5.8% | White | 1 | N/A |
| White | 80.3% | 6.3% | 11.0% | 2.4% | | | |
| Other | 94.1% | 0.0% | 5.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

AMESBURY POLICE DEPARTMENT

| Total Citations ¹ : 1,277 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 30.9% | Citations per 1000 | |
| | Passing through: | 69.1% | 18 + residents: | 90.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,221) | | | | ITP Stops ³ (N = 536) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.05 | | | | 38.4 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.2% | | | | Female 35.5% | | | |
| Male 60.8% | | | | Male 64.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.9% | | | | Race % Mis/Unk ⁴ 2.1% | | | |
| AA/Black 4.1% | | | | AA/Black 4.2% | | | |
| Hispanic 5.8% | | | | Hispanic 5.9% | | | |
| White 89.6% | | | | White 89.3% | | | |
| Other 0.5% | | | | Other 0.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.1% | 0.6% | 3.5% | AA/Black | 4.1% | 14.4% | -10.3% |
| Hispanic | 5.8% | 2.5% | 3.3% | Hispanic | 5.8% | 14.5% | -8.7% |
| White | 89.6% | 93.8% | -4.2% | White | 89.6% | 66.4% | 23.2% |
| Other | 0.5% | 4.1% | -3.6% | Other | 0.5% | 4.6% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 121 | 10.6% | 11.1% | NW | 56 | 11.6% | 11.4% |
| White | 994 | 89.4% | 88.9% | White | 430 | 88.4% | 88.6% |
| Chi-square, X-tab ⁶ : | | .797 | not sig. | Chi-square, X-tab ⁶ : | | .945 | not sig. |
| Odds ratio Exp(B) ⁷ : | | 1.029 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.117 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 38.8% | 18.4% | 36.7% | 6.1% | NW | 0 | N/A |
| Hispanic | 50.7% | 16.4% | 31.5% | 1.4% | White | 7 | N/A |
| White | 51.9% | 20.4% | 22.2% | 5.5% | | | |
| Other | 66.7% | 16.7% | 16.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .232 | not sig | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

AMHERST POLICE DEPARTMENT

| Total Citations ¹ : 2,456 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 26.9% | Citations per 1000 | |
| | Passing through: | 73.1% | 18 + residents: | 67.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,307) | | | | ITP Stops ³ (N = 757) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34 | | | | 34.67 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.0% | | | | Female 41.7% | | | |
| Male 57.9% | | | | Male 58.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 8.9% | | | | AA/Black 8.5% | | | |
| Hispanic 6.1% | | | | Hispanic 4.9% | | | |
| White 78.0% | | | | White 80.7% | | | |
| Other 7.0% | | | | Other 5.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.9% | 5.3% | 3.6% | AA/Black | 8.9% | 14.4% | -5.5% |
| Hispanic | 6.1% | 7.5% | -1.4% | Hispanic | 6.1% | 14.5% | -8.4% |
| White | 78.0% | 69.4% | 8.6% | White | 78.0% | 66.4% | 11.6% |
| Other | 7.0% | 19.1% | -12.1% | Other | 7.0% | 4.6% | 2.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 470 | 17.9% | 28.2% | NW | 128 | 18.3% | 20.4% |
| White | 1,670 | 82.1% | 71.8% | White | 544 | 81.7% | 79.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .505 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .562* sig. | | | | Odds ratio Exp(B) ⁷ : 1.014 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 60.4% | 4.9% | 24.4% | 10.2% | NW | 23 | N/A |
| Hispanic | 55.8% | 1.3% | 26.6% | 16.2% | White | 37 | N/A |
| White | 84.2% | 4.0% | 7.6% | 4.1% | | | |
| Other | 84.3% | 4.1% | 8.7% | 2.9% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ANDOVER POLICE DEPARTMENT

| Total Citations ¹ : 965 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 27.0% | Citations per 1000 | |
| | Passing through: | 73.0% | 18 + residents: | 35 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 825) | | | | ITP Stops ³ (N = 228) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.88 | | | | 38.11 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.2% | | | | Female 34.4% | | | |
| Male 62.6% | | | | Male 65.6% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 8.6% | | | | AA/Black 10.3% | | | |
| Hispanic 25.9% | | | | Hispanic 24.6% | | | |
| White 59.7% | | | | White 59.8% | | | |
| Other 5.8% | | | | Other 5.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.6% | 2.7% | 5.9% | AA/Black | 8.6% | 14.4% | -5.8% |
| Hispanic | 25.9% | 4.9% | 21.0% | Hispanic | 25.9% | 14.5% | 11.4% |
| White | 59.7% | 75.8% | -16.1% | White | 59.7% | 66.4% | -6.7% |
| Other | 5.8% | 16.9% | -11.1% | Other | 5.8% | 4.6% | 1.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 309 | 39.7% | 43.3% | NW | 81 | 41.1% | 37.3% |
| White | 457 | 60.3% | 56.7% | White | 121 | 58.9% | 62.7% |
| Chi-square, X-tab ⁶ : .444 not sig. | | | | Chi-square, X-tab ⁶ : .632 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .869 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.041 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 68.7% | 10.8% | 13.3% | 7.2% | NW | 4 | N/A |
| Hispanic | 64.9% | 14.5% | 16.9% | 3.7% | White | 4 | N/A |
| White | 72.2% | 15.4% | 8.0% | 4.4% | | | |
| Other | 71.4% | 23.2% | 3.6% | 1.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .005* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ARLINGTON POLICE DEPARTMENT

| Total Citations ¹ : 823 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 43.6% | Citations per 1000 | |
| | Passing through: | 56.4% | 18 + residents: | 23 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 747) | | | | ITP Stops ³ (N = 404) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.81 | | | | 43.6 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.5% | | | | Female 35.7% | | | |
| Male 61.3% | | | | Male 64.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.1% | | | | Race % Mis/Unk ⁴ 4.5% | | | |
| AA/Black 9.3% | | | | AA/Black 10.1% | | | |
| Hispanic 4.7% | | | | Hispanic 4.9% | | | |
| White 75.6% | | | | White 73.8% | | | |
| Other 10.4% | | | | Other 11.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.3% | 3.1% | 6.2% | AA/Black | 9.3% | 14.4% | -5.1% |
| Hispanic | 4.7% | 4.9% | -0.2% | Hispanic | 4.7% | 14.5% | -9.8% |
| White | 75.6% | 75.8% | -0.2% | White | 75.6% | 66.4% | 9.2% |
| Other | 10.4% | 16.2% | -5.8% | Other | 10.4% | 4.6% | 5.8% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 162 | 23.6% | 28.0% | NW | 94 | 26.8% | 26.4% |
| White | 496 | 76.4% | 72.0% | White | 258 | 73.2% | 73.6% |
| Chi-square, X-tab ⁶ : .256 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .936 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .687 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .650 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 72.0% | 5.3% | 22.7% | 0.0% | NW | 0 | N/A |
| Hispanic | 80.0% | 8.6% | 11.4% | 0.0% | White | 4 | N/A |
| White | 89.1% | 5.8% | 4.4% | 0.7% | | | |
| Other | 92.5% | 6.3% | 1.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ASHBURNHAM POLICE DEPARTMENT

| Total Citations ¹ : 748 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 22.5% | Citations per 1000 | |
| | Passing through: | 77.5% | 18 + residents: | 156.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 725) | | | | ITP Stops ³ (N = 310) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.49 | | | | 35.9 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.2% | | | | Female 40.6% | | | |
| Male 60.8% | | | | Male 59.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 2.9% | | | | AA/Black 4.3% | | | |
| Hispanic 5.6% | | | | Hispanic 3.6% | | | |
| White 90.6% | | | | White 91.4% | | | |
| Other 0.8% | | | | Other 0.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.9% | 1.1% | 1.8% | AA/Black | 2.9% | 14.4% | -11.5% |
| Hispanic | 5.6% | 1.7% | 3.9% | Hispanic | 5.6% | 14.5% | -8.9% |
| White | 90.6% | 95.9% | -5.3% | White | 90.6% | 66.4% | 24.2% |
| Other | 0.8% | 1.5% | -0.7% | Other | 0.8% | 4.6% | -3.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 62 | 8.4% | 11.7% | NW | 23 | 7.6% | 10.0% |
| White | 616 | 91.6% | 88.3% | White | 255 | 92.4% | 90.0% |
| Chi-square, X-tab ⁶ : .224 not sig. | | | | Chi-square, X-tab ⁶ : .507 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .739 not sig. | | | | Odds ratio Exp(B) ⁷ : .602 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 71.4% | 23.8% | 4.8% | 0.0% | NW | 0 | N/A |
| Hispanic | 45.5% | 34.1% | 20.5% | 0.0% | White | 3 | N/A |
| White | 59.8% | 33.0% | 6.3% | 0.9% | | | |
| Other | 42.9% | 57.1% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .048* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ASHBY POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------------|--------------|--------------|-----------------------------------|--|--------------|--------------|---------------|
| Total Citations ¹ : 211 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: 8.4% | | | Citations per 1000 | | | | |
| | Passing through: 91.6% | | | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 190) | | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | | Mean age | | | |
| 36.26 | | | | | N/A | | | |
| Gender % | | | | | Gender % | | | |
| Female 36.5% | | | | | Female N/A | | | |
| Male 63.5% | | | | | Male N/A | | | |
| Non-binary 0.0% | | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 2.1% | | | | | AA/Black N/A | | | |
| Hispanic 7.0% | | | | | Hispanic N/A | | | |
| White 89.3% | | | | White N/A | | | | |
| Other 1.6% | | | | Other N/A | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 2.1% | N/A | N/A | | AA/Black | 2.1% | 14.4% | -12.3% |
| Hispanic | 7.0% | N/A | N/A | | Hispanic | 7.0% | 14.5% | -7.5% |
| White | 89.3% | N/A | N/A | | White | 89.3% | 66.4% | 22.9% |
| Other | 1.6% | N/A | N/A | | Other | 1.6% | 4.6% | -3.0% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 19 | 7.4% | 17.2% | | NW | N/A | N/A | N/A |
| White | 161 | 92.6% | 82.8% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .044* | sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .354* | sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 75.0% | 0.0% | 25.0% | 0.0% | NW | 0 | N/A | |
| Hispanic | 64.3% | 28.6% | 7.1% | 0.0% | White | 2 | N/A | |
| White | 58.6% | 29.6% | 10.2% | 1.6% | | | | |
| Other | 66.7% | 33.3% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .960 not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ASHLAND POLICE DEPARTMENT

| Total Citations ¹ : 1,259 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 33.3% | Citations per 1000 | |
| | Passing through: | 66.7% | 18 + residents: | 90.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,206) | | | | ITP Stops ³ (N = 635) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.21 | | | | 36.17 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.0% | | | | Female 41.3% | | | |
| Male 61.0% | | | | Male 58.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 0.5% | | | |
| AA/Black 6.6% | | | | AA/Black 6.3% | | | |
| Hispanic 15.1% | | | | Hispanic 15.2% | | | |
| White 71.6% | | | | White 69.1% | | | |
| Other 6.7% | | | | Other 9.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.6% | 2.2% | 4.4% | AA/Black | 6.6% | 14.4% | -7.8% |
| Hispanic | 15.1% | 7.0% | 8.1% | Hispanic | 15.1% | 14.5% | 0.6% |
| White | 71.6% | 77.9% | -6.3% | White | 71.6% | 66.4% | 5.2% |
| Other | 6.7% | 13.4% | -6.7% | Other | 6.7% | 4.6% | 2.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 311 | 24.2% | 37.2% | NW | 169 | 27.9% | 34.1% |
| White | 808 | 75.8% | 62.8% | White | 399 | 72.1% | 65.9% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .141 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .541* | sig. | Odds ratio Exp(B) ⁷ : | | .808 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 69.7% | 4.5% | 11.2% | 14.6% | NW | 2 | N/A |
| Hispanic | 57.9% | 18.9% | 16.8% | 6.3% | White | 0 | N/A |
| White | 75.7% | 13.6% | 8.3% | 2.4% | | | |
| Other | 82.7% | 11.1% | 2.5% | 3.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ATHOL POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|----------------------|---|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 283 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 46.0% | Citations per 1000 | | | | |
| | Passing through: | | 54.0% | 18 + residents: 30.1 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 189) | | | | ITP Stops ³ (N = 60) | | | | |
| Mean age | | | | Mean age | | | | |
| 39.48 | | | | 39.27 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 33.7% | | | | Female 31.0% | | | | |
| Male 66.3% | | | | Male 69.0% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 5.8% | | | | Race % Mis/Unk ⁴ 6.7% | | | | |
| AA/Black 1.7% | | | | AA/Black 1.8% | | | | |
| Hispanic 3.4% | | | Hispanic 5.4% | | | | | |
| White 93.8% | | | White 91.1% | | | | | |
| Other 1.1% | | | Other 1.8% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 1.7% | 1.1% | 0.6% | | AA/Black | 1.7% | 14.4% | -12.7% |
| Hispanic | 3.4% | 5.4% | -2.0% | | Hispanic | 3.4% | 14.5% | -11.1% |
| White | 93.8% | 90.1% | 3.7% | | White | 93.8% | 66.4% | 27.4% |
| Other | 1.1% | 3.6% | -2.5% | | Other | 1.1% | 4.6% | -3.5% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 50.0% | 0.0% | 50.0% | 0.0% | NW | 1 | N/A | |
| Hispanic | 33.3% | 0.0% | 66.7% | 0.0% | White | 9 | N/A | |
| White | 64.0% | 9.7% | 20.2% | 6.2% | | | | |
| Other | 66.7% | 33.3% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : .181 | | | | not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ATTLEBORO POLICE DEPARTMENT

| Total Citations ¹ : 1,844 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 35.0% | Citations per 1000 | |
| | Passing through: | 65.0% | 18 + residents: | 51.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,117) | | | | ITP Stops ³ (N = 180) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.18 | | | | 37.41 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.6% | | | | Female 31.1% | | | |
| Male 62.4% | | | | Male 68.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 11.3% | | | | AA/Black 16.7% | | | |
| Hispanic 11.7% | | | | Hispanic 12.8% | | | |
| White 73.5% | | | | White 68.3% | | | |
| Other 3.5% | | | | Other 2.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.3% | 4.4% | 6.9% | AA/Black | 11.3% | 14.4% | -3.1% |
| Hispanic | 11.7% | 6.6% | 5.1% | Hispanic | 11.7% | 14.5% | -2.8% |
| White | 73.5% | 83.2% | -9.7% | White | 73.5% | 66.4% | 7.1% |
| Other | 3.5% | 6.1% | -2.6% | Other | 3.5% | 4.6% | -1.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 285 | 25.4% | 33.5% | NW | 52 | 30.8% | 32.6% |
| White | 785 | 74.6% | 66.5% | White | 112 | 69.2% | 67.4% |
| Chi-square, X-tab ⁶ : .028* sig. | | | | Chi-square, X-tab ⁶ : .806 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .657* sig. | | | | Odds ratio Exp(B) ⁷ : .492 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 51.1% | 29.1% | 17.9% | 1.8% | NW | 3 | N/A |
| Hispanic | 39.8% | 36.9% | 23.3% | 0.0% | White | 0 | N/A |
| White | 55.3% | 29.8% | 13.8% | 1.1% | | | |
| Other | 63.1% | 32.3% | 4.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

AUBURN POLICE DEPARTMENT

| Total Citations ¹ : 1,983 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 13.0% | Citations per 1000 | |
| | Passing through: | 87.0% | 18 + residents: | 148 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,902) | | | | ITP Stops ³ (N = 659) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.9 | | | | 35.73 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.2% | | | | Female 29.7% | | | |
| Male 65.8% | | | | Male 70.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 9.1% | | | | AA/Black 10.7% | | | |
| Hispanic 13.8% | | | | Hispanic 16.1% | | | |
| White 75.3% | | | | White 72.2% | | | |
| Other 1.8% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.1% | 0.9% | 8.2% | AA/Black | 9.1% | 14.4% | -5.3% |
| Hispanic | 13.8% | 4.6% | 9.2% | Hispanic | 13.8% | 14.5% | -0.7% |
| White | 75.3% | 91.5% | -16.2% | White | 75.3% | 66.4% | 8.9% |
| Other | 1.8% | 3.5% | -1.7% | Other | 1.8% | 4.6% | -2.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 442 | 24.1% | 27.1% | NW | 165 | 30.4% | 26.3% |
| White | 1,340 | 75.9% | 72.9% | White | 411 | 69.6% | 73.8% |
| Chi-square, X-tab ⁶ : | | .209 | not sig. | Chi-square, X-tab ⁶ : | | .282 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .880 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.265 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 67.4% | 14.9% | 12.7% | 5.0% | NW | 2 | N/A |
| Hispanic | 67.0% | 10.3% | 14.7% | 8.1% | White | 6 | N/A |
| White | 75.6% | 13.4% | 6.6% | 4.4% | | | |
| Other | 88.2% | 5.9% | 5.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

AVON POLICE DEPARTMENT

| Total Citations ¹ : 927 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 2.8% | Citations per 1000 | |
| | Passing through: | 97.2% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 906) | | | | ITP Stops ³ (N = 410) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.43 | | | | 37.06 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.6% | | | | Female 42.3% | | | |
| Male 58.3% | | | | Male 57.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 21.0% | | | | Race % Mis/Unk ⁴ 18.3% | | | |
| AA/Black 58.8% | | | | AA/Black 56.1% | | | |
| Hispanic 10.6% | | | | Hispanic 11.9% | | | |
| White 27.9% | | | | White 28.7% | | | |
| Other 2.7% | | | | Other 3.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 58.8% | N/A | N/A | AA/Black | 58.8% | 14.4% | 44.4% |
| Hispanic | 10.6% | N/A | N/A | Hispanic | 10.6% | 14.5% | -3.9% |
| White | 27.9% | N/A | N/A | White | 27.9% | 66.4% | -38.5% |
| Other | 2.7% | N/A | N/A | Other | 2.7% | 4.6% | -1.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 465 | 66.7% | 80.1% | NW | 202 | 66.8% | 75.0% |
| White | 189 | 33.3% | 19.9% | White | 91 | 33.2% | 25.0% |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .185 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .464* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .464 <i>not sig.</i> | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 88.3% | 7.5% | 3.7% | 0.5% | NW | 1 | N/A |
| Hispanic | 82.5% | 10.0% | 7.5% | 0.0% | White | 0 | N/A |
| White | 84.5% | 11.1% | 4.3% | 0.0% | | | |
| Other | 78.9% | 21.1% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .336 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

AYER POLICE DEPARTMENT

| Total Citations ¹ : 596 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 23.0% | Citations per 1000 | |
| | Passing through: | 77.0% | 18 + residents: | 89.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 554) | | | | ITP Stops ³ (N = 132) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.92 | | | | 35.95 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.5% | | | | Female 26.5% | | | |
| Male 70.5% | | | | Male 73.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.8% | | | | Race % Mis/Unk ⁴ 3.0% | | | |
| AA/Black 5.4% | | | | AA/Black 7.8% | | | |
| Hispanic 6.3% | | | | Hispanic 11.7% | | | |
| White 84.9% | | | | White 78.1% | | | |
| Other 3.4% | | | | Other 2.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.4% | 4.3% | 1.1% | AA/Black | 5.4% | 14.4% | -9.0% |
| Hispanic | 6.3% | 5.7% | 0.6% | Hispanic | 6.3% | 14.5% | -8.2% |
| White | 84.9% | 82.4% | 2.5% | White | 84.9% | 66.4% | 18.5% |
| Other | 3.4% | 7.5% | -4.1% | Other | 3.4% | 4.6% | -1.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|--|----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 69 | 12.9% | 20.4% | NW | 23 | 20.3% | 18.8% |
| White | 412 | 87.1% | 79.6% | White | 94 | 79.7% | 81.3% |
| Chi-square, X-tab ⁶ : .062 not sig. | | | | Chi-square, X-tab ⁶ : .837 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .598 not sig. | | | | Odds ratio Exp(B) ⁷ : .988 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 62.1% | 6.9% | 24.1% | 6.9% | NW | 1 | N/A |
| Hispanic | 56.8% | 5.4% | 32.4% | 5.4% | White | 1 | N/A |
| White | 59.4% | 21.7% | 14.7% | 4.2% | | | |
| Other | 63.6% | 22.7% | 13.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .054 not sig | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BARNSTABLE POLICE DEPARTMENT

| Total Citations ¹ : 3,459 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 4.7% | Citations per 1000 | |
| | Passing through: | 95.3% | 18 + residents: | 94.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,155) | | | | ITP Stops ³ (N = 893) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.23 | | | | 38.72 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.5% | | | | Female 35.5% | | | |
| Male 62.4% | | | | Male 64.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.7% | | | | Race % Mis/Unk ⁴ 3.4% | | | |
| AA/Black 9.5% | | | | AA/Black 11.2% | | | |
| Hispanic 2.2% | | | | Hispanic 2.2% | | | |
| White 87.7% | | | | White 85.7% | | | |
| Other 0.6% | | | | Other 0.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.5% | 5.8% | 3.7% | AA/Black | 9.5% | 14.4% | -4.9% |
| Hispanic | 2.2% | 5.9% | -3.7% | Hispanic | 2.2% | 14.5% | -12.3% |
| White | 87.7% | 84.3% | 3.4% | White | 87.7% | 66.4% | 21.3% |
| Other | 0.6% | 3.1% | -2.5% | Other | 0.6% | 4.6% | -4.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 359 | 10.6% | 21.1% | NW | 119 | 12.9% | 21.0% |
| White | 2,534 | 89.4% | 78.9% | White | 692 | 87.1% | 79.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .007* sig. | | | |
| Odds ratio Exp(B) ⁷ : .451* sig. | | | | Odds ratio Exp(B) ⁷ : .469* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 60.1% | 13.4% | 20.4% | 6.1% | NW | 2 | N/A |
| Hispanic | 37.0% | 38.4% | 21.9% | 2.7% | White | 25 | N/A |
| White | 71.6% | 9.9% | 14.1% | 4.3% | | | |
| Other | 52.6% | 36.8% | 0.0% | 10.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BARRE POLICE DEPARTMENT

| Total Citations ¹ : 709 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 33.0% | Citations per 1000 | |
| | Passing through: | 67.0% | 18 + residents: | 158.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 688) | | | | ITP Stops ³ (N = 239) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.86 | | | | 37.89 | | | |
| Gender % | | | | Gender % | | | |
| Female 46.7% | | | | Female 37.7% | | | |
| Male 53.3% | | | | Male 62.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.6% | | | | Race % Mis/Unk ⁴ 5.4% | | | |
| AA/Black 3.3% | | | | AA/Black 2.7% | | | |
| Hispanic 4.1% | | | | Hispanic 4.0% | | | |
| White 92.2% | | | | White 93.4% | | | |
| Other 0.5% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.3% | 2.2% | 1.1% | AA/Black | 3.3% | 14.4% | -11.1% |
| Hispanic | 4.1% | 2.4% | 1.7% | Hispanic | 4.1% | 14.5% | -10.4% |
| White | 92.2% | 93.8% | -1.6% | White | 92.2% | 66.4% | 25.8% |
| Other | 0.5% | 3.1% | -2.6% | Other | 0.5% | 4.6% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 50 | 6.8% | 10.5% | NW | 14 | 5.0% | 8.2% |
| White | 583 | 93.2% | 89.5% | White | 202 | 95.0% | 91.8% |
| Chi-square, X-tab ⁶ : | | .108 | not sig. | Chi-square, X-tab ⁶ : | | .341 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .640 | not sig. | Odds ratio Exp(B) ⁷ : | | .523 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 77.3% | 18.2% | 4.5% | 0.0% | NW | 0 | N/A |
| Hispanic | 60.7% | 14.3% | 25.0% | 0.0% | White | 3 | N/A |
| White | 84.3% | 7.3% | 6.3% | 2.1% | | | |
| Other | 33.3% | 66.7% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BECKETT POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------------|--------------|--------------|-----------------------------------|--|--------------|--------------|---------------|
| Total Citations ¹ : 159 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: 10.5% | | | Citations per 1000 | | | | |
| | Passing through: 89.5% | | | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 143) | | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | | Mean age | | | |
| 40.92 | | | | | N/A | | | |
| Gender % | | | | | Gender % | | | |
| Female 26.8% | | | | | Female N/A | | | |
| Male 73.2% | | | | | Male N/A | | | |
| Non-binary 0.0% | | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 0.7% | | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 7.7% | | | | | AA/Black N/A | | | |
| Hispanic 2.1% | | | | Hispanic N/A | | | | |
| White 89.4% | | | | White N/A | | | | |
| Other 0.7% | | | | Other N/A | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 7.7% | N/A | N/A | | AA/Black | 7.7% | 14.4% | -6.7% |
| Hispanic | 2.1% | N/A | N/A | | Hispanic | 2.1% | 14.5% | -12.4% |
| White | 89.4% | N/A | N/A | | White | 89.4% | 66.4% | 23.0% |
| Other | 0.7% | N/A | N/A | | Other | 0.7% | 4.6% | -3.9% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 14 | 10.3% | 11.4% | | NW | N/A | N/A | N/A |
| White | 117 | 89.7% | 88.6% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .859 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .943 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 8.3% | 41.7% | 50.0% | 0.0% | NW | 0 | N/A | |
| Hispanic | 25.0% | 50.0% | 25.0% | 0.0% | White | 0 | N/A | |
| White | 58.9% | 22.7% | 15.6% | 2.8% | | | | |
| Other | 0.0% | 0.0% | 0.0% | 100.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : 024* sig. | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BEDFORD POLICE DEPARTMENT

| Total Citations ¹ : 777 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 21.5% | Citations per 1000 | |
| | Passing through: | 78.5% | 18 + residents: | 73.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 719) | | | | ITP Stops ³ (N = 345) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.3 | | | | 38.47 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.7% | | | | Female 33.4% | | | |
| Male 63.2% | | | | Male 66.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.7% | | | | Race % Mis/Unk ⁴ 0.6% | | | |
| AA/Black 8.8% | | | | AA/Black 9.0% | | | |
| Hispanic 9.8% | | | | Hispanic 11.4% | | | |
| White 68.1% | | | | White 67.6% | | | |
| Other 13.3% | | | | Other 12.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.8% | 4.1% | 4.7% | AA/Black | 8.8% | 14.4% | -5.6% |
| Hispanic | 9.8% | 3.8% | 6.0% | Hispanic | 9.8% | 14.5% | -4.7% |
| White | 68.1% | 74.2% | -6.1% | White | 68.1% | 66.4% | 1.7% |
| Other | 13.3% | 18.4% | -5.1% | Other | 13.3% | 4.6% | 8.7% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 216 | 29.7% | 36.1% | NW | 100 | 30.3% | 35.1% |
| White | 461 | 70.3% | 63.9% | White | 209 | 69.7% | 64.9% |
| Chi-square, X-tab ⁶ : | | .094 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .373 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .753 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .741 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 77.0% | 8.1% | 6.8% | 8.1% | NW | 0 | N/A |
| Hispanic | 57.5% | 11.0% | 24.7% | 6.8% | White | 1 | N/A |
| White | 74.1% | 17.3% | 5.7% | 2.9% | | | |
| Other | 78.8% | 17.2% | 3.0% | 1.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | <i>sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BELCHERTOWN POLICE DEPARTMENT

| Total Citations ¹ : 651 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 39.8% | Citations per 1000 | |
| | Passing through: | 60.2% | 18 + residents: | 55.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 618) | | | | ITP Stops ³ (N = 255) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.64 | | | | 34.68 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.7% | | | | Female 31.4% | | | |
| Male 64.9% | | | | Male 68.2% | | | |
| Non-binary 0.3% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 1.8% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 5.1% | | | | AA/Black 4.8% | | | |
| Hispanic 3.6% | | | | Hispanic 5.2% | | | |
| White 88.3% | | | | White 88.1% | | | |
| Other 3.0% | | | | Other 2.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.1% | 0.6% | 4.5% | AA/Black | 5.1% | 14.4% | -9.3% |
| Hispanic | 3.6% | 1.4% | 2.2% | Hispanic | 3.6% | 14.5% | -10.9% |
| White | 88.3% | 91.9% | -3.6% | White | 88.3% | 66.4% | 21.9% |
| Other | 3.0% | 5.9% | -2.9% | Other | 3.0% | 4.6% | -1.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 64 | 10.3% | 14.5% | NW | 25 | 12.2% | 10.8% |
| White | 488 | 89.7% | 85.5% | White | 187 | 87.8% | 89.2% |
| Chi-square, X-tab ⁶ : | | .157 | not sig. | Chi-square, X-tab ⁶ : | | .759 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .735 | not sig. | Odds ratio Exp(B) ⁷ : | | .829 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 62.9% | 11.4% | 25.7% | 0.0% | NW | 2 | N/A |
| Hispanic | 78.3% | 8.7% | 13.0% | 0.0% | White | 6 | N/A |
| White | 79.6% | 12.6% | 6.0% | 1.8% | | | |
| Other | 88.9% | 5.6% | 5.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .008* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BELLINGHAM POLICE DEPARTMENT

| Total Citations ¹ : 534 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 22.4% | Citations per 1000 | |
| | Passing through: | 77.6% | 18 + residents: | 39.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 451) | | | | ITP Stops ³ (N = 190) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.86 | | | | 34.26 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.1% | | | | Female 27.4% | | | |
| Male 67.7% | | | | Male 72.1% | | | |
| Non-binary 0.2% | | | | Non-binary 0.5% | | | |
| Race % Mis/Unk ⁴ 5.8% | | | | Race % Mis/Unk ⁴ 4.2% | | | |
| AA/Black 7.8% | | | | AA/Black 7.7% | | | |
| Hispanic 13.2% | | | | Hispanic 12.1% | | | |
| White 76.7% | | | | White 76.9% | | | |
| Other 2.4% | | | | Other 3.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.8% | 1.9% | 5.9% | AA/Black | 7.8% | 14.4% | -6.6% |
| Hispanic | 13.2% | 4.0% | 9.2% | Hispanic | 13.2% | 14.5% | -1.3% |
| White | 76.7% | 91.4% | -14.7% | White | 76.7% | 66.4% | 10.3% |
| Other | 2.4% | 2.8% | -0.4% | Other | 2.4% | 4.6% | -2.2% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 89 | 26.7% | 21.4% | NW | 38 | 28.9% | 20.5% |
| White | 284 | 73.3% | 78.6% | White | 129 | 71.1% | 79.5% |
| Chi-square, X-tab ⁶ : .227 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .251 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : 1.351 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 2.670 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 35.9% | 25.6% | 35.9% | 2.6% | NW | 3 | N/A |
| Hispanic | 20.3% | 21.9% | 46.9% | 10.9% | White | 3 | N/A |
| White | 38.1% | 28.6% | 26.3% | 7.0% | | | |
| Other | 36.4% | 45.5% | 9.1% | 9.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .020* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BELMONT POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|--------------|----------|----------|
| Total Citations ¹ : 171 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 9.6% | Citations per 1000 | | | | | | |
| | Passing through: | | 90.4% | 18 + residents: 8.8 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 114) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 43.07 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 33.3% | | | | Female N/A | | | | | | |
| Male 65.8% | | | | Male N/A | | | | | | |
| Non-binary 0.9% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 1.8% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 8.9% | | | | AA/Black N/A | | | | | | |
| Hispanic 7.1% | | | | Hispanic N/A | | | | | | |
| White 75.0% | | | White N/A | | | | | | | |
| Other 8.9% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 8.9% | 1.5% | 7.4% | | AA/Black | 8.9% | 14.4% | -5.5% | | |
| Hispanic | 7.1% | 4.3% | 2.8% | | Hispanic | 7.1% | 14.5% | -7.4% | | |
| White | 75.0% | 73.2% | 1.8% | | White | 75.0% | 66.4% | 8.6% | | |
| Other | 8.9% | 21.3% | -12.4% | | Other | 8.9% | 4.6% | 4.3% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 50.0% | 14.3% | 28.6% | 7.1% | NW | 0 | N/A | | | |
| Hispanic | 38.5% | 15.4% | 46.2% | 0.0% | White | 0 | N/A | | | |
| White | 69.8% | 10.1% | 14.7% | 5.4% | | | | | | |
| Other | 91.7% | 0.0% | 8.3% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : .098 | | | | | not sig. | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BERLIN POLICE DEPARTMENT

| Total Citations ¹ : 989 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 6.9% | Citations per 1000 | |
| | Passing through: | 93.1% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 962) | | | | ITP Stops ³ (N = 385) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.27 | | | | 35.98 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.1% | | | | Female 42.1% | | | |
| Male 56.8% | | | | Male 57.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ 2.6% | | | |
| AA/Black 4.3% | | | | AA/Black 3.5% | | | |
| Hispanic 17.3% | | | | Hispanic 17.9% | | | |
| White 76.1% | | | | White 76.0% | | | |
| Other 2.2% | | | | Other 2.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.3% | N/A | N/A | AA/Black | 4.3% | 14.4% | -10.1% |
| Hispanic | 17.3% | N/A | N/A | Hispanic | 17.3% | 14.5% | 2.8% |
| White | 76.1% | N/A | N/A | White | 76.1% | 66.4% | 9.7% |
| Other | 2.2% | N/A | N/A | Other | 2.2% | 4.6% | -2.4% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 214 | 21.8% | 31.1% | NW | 79 | 20.7% | 32.5% |
| White | 687 | 78.2% | 68.9% | White | 255 | 79.3% | 67.5% |
| Chi-square, X-tab ⁶ : .008* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .028* <i>sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .621* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .490 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 85.4% | 7.3% | 7.3% | 0.0% | NW | 0 | N/A |
| Hispanic | 65.1% | 14.2% | 20.1% | 0.6% | White | 2 | N/A |
| White | 85.1% | 8.7% | 6.1% | 0.1% | | | |
| Other | 82.6% | 8.7% | 8.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BEVERLY POLICE DEPARTMENT

| Total Citations ¹ : 1,110 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 32.0% | Citations per 1000 | |
| | Passing through: | 68.0% | 18 + residents: | 32.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,005) | | | | ITP Stops ³ (N = 309) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.17 | | | | 38.01 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.7% | | | | Female 35.3% | | | |
| Male 59.2% | | | | Male 64.7% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.1% | | | | Race % Mis/Unk ⁴ 11.0% | | | |
| AA/Black 3.2% | | | | AA/Black 3.3% | | | |
| Hispanic 7.8% | | | | Hispanic 9.1% | | | |
| White 86.5% | | | | White 85.5% | | | |
| Other 2.5% | | | | Other 2.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.2% | 2.1% | 1.1% | AA/Black | 3.2% | 14.4% | -11.2% |
| Hispanic | 7.8% | 5.1% | 2.7% | Hispanic | 7.8% | 14.5% | -6.7% |
| White | 86.5% | 88.5% | -2.0% | White | 86.5% | 66.4% | 20.1% |
| Other | 2.5% | 5.1% | -2.6% | Other | 2.5% | 4.6% | -2.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 115 | 12.1% | 19.5% | NW | 35 | 13.2% | 15.9% |
| White | 756 | 87.9% | 80.5% | White | 214 | 86.8% | 84.1% |
| Chi-square, X-tab ⁶ : .019* sig. | | | | Chi-square, X-tab ⁶ : .567 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .521* sig. | | | | Odds ratio Exp(B) ⁷ : .925 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 41.2% | 35.3% | 11.8% | 11.8% | NW | 1 | N/A |
| Hispanic | 63.1% | 15.5% | 17.9% | 3.6% | White | 2 | N/A |
| White | 72.7% | 18.7% | 7.1% | 1.5% | | | |
| Other | 63.0% | 29.6% | 7.4% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BILLERICA POLICE DEPARTMENT

| Total Citations ¹ : 3,166 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 38.6% | Citations per 1000 | |
| | Passing through: | 61.4% | 18 + residents: | 90.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,095) | | | | ITP Stops ³ (N = 908) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.03 | | | | 38.2 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.0% | | | | Female 37.6% | | | |
| Male 63.0% | | | | Male 62.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.8% | | | | Race % Mis/Unk ⁴ 9.6% | | | |
| AA/Black 7.0% | | | | AA/Black 7.4% | | | |
| Hispanic 8.9% | | | | Hispanic 7.4% | | | |
| White 77.5% | | | | White 78.1% | | | |
| Other 6.7% | | | | Other 7.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.0% | 4.8% | 2.2% | AA/Black | 7.0% | 14.4% | -7.4% |
| Hispanic | 8.9% | 4.5% | 4.4% | Hispanic | 8.9% | 14.5% | -5.6% |
| White | 77.5% | 81.8% | -4.3% | White | 77.5% | 66.4% | 11.1% |
| Other | 6.7% | 9.4% | -2.7% | Other | 6.7% | 4.6% | 2.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 634 | 21.3% | 32.2% | NW | 161 | 21.1% | 26.1% |
| White | 2,178 | 78.8% | 67.8% | White | 563 | 78.9% | 73.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .179 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .572* sig. | | | | Odds ratio Exp(B) ⁷ : .764 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 55.0% | 38.3% | 6.2% | 0.5% | NW | 2 | N/A |
| Hispanic | 45.7% | 43.9% | 8.6% | 1.9% | White | 4 | N/A |
| White | 58.6% | 38.5% | 2.2% | 0.7% | | | |
| Other | 59.7% | 38.3% | 2.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BLACKSTONE POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 167 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 18.5% | Citations per 1000 | | | | |
| | Passing through: | | 81.5% | 18 + residents: 23.1 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 135) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 36.17 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 33.6% | | | | Female N/A | | | | |
| Male 66.4% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 9.8% | | | | AA/Black N/A | | | | |
| Hispanic 1.5% | | | | Hispanic N/A | | | | |
| White 87.1% | | | White N/A | | | | | |
| Other 1.5% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 9.8% | 1.2% | 8.6% | | AA/Black | 9.8% | 14.4% | -4.6% |
| Hispanic | 1.5% | 2.4% | -0.9% | | Hispanic | 1.5% | 14.5% | -13.0% |
| White | 87.1% | 93.5% | -6.4% | | White | 87.1% | 66.4% | 20.7% |
| Other | 1.5% | 3.1% | -1.6% | | Other | 1.5% | 4.6% | -3.1% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 17 | 11.5% | 18.2% | | NW | N/A | N/A | N/A |
| White | 105 | 88.5% | 81.8% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .309 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .379 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 31.3% | 18.8% | 50.0% | 0.0% | NW | 0 | N/A | |
| Hispanic | 16.7% | 0.0% | 83.3% | 0.0% | White | 1 | N/A | |
| White | 32.4% | 31.7% | 29.5% | 6.5% | | | | |
| Other | 50.0% | 0.0% | 50.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .214 | | not sig. | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOLTON POLICE DEPARTMENT

| Total Citations ¹ : 1,982 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 8.1% | Citations per 1000 | |
| | Passing through: | 91.9% | 18 + residents: | 510.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,954) | | | | ITP Stops ³ (N = 697) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.77 | | | | 37.25 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.1% | | | | Female 34.2% | | | |
| Male 63.9% | | | | Male 65.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 1.6% | | | |
| AA/Black 7.8% | | | | AA/Black 7.4% | | | |
| Hispanic 16.1% | | | | Hispanic 18.4% | | | |
| White 73.5% | | | | White 71.1% | | | |
| Other 2.5% | | | | Other 3.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.8% | 0.3% | 7.5% | AA/Black | 7.8% | 14.4% | -6.6% |
| Hispanic | 16.1% | 1.4% | 14.7% | Hispanic | 16.1% | 14.5% | 1.6% |
| White | 73.5% | 92.5% | -19.0% | White | 73.5% | 66.4% | 7.1% |
| Other | 2.5% | 6.5% | -4.0% | Other | 2.5% | 4.6% | -2.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 485 | 20.8% | 39.0% | NW | 177 | 24.5% | 36.2% |
| White | 1,347 | 79.2% | 61.0% | White | 440 | 75.5% | 63.8% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .002* | sig. |
| Odds ratio Exp(B) ⁷ : | | .400* | sig. | Odds ratio Exp(B) ⁷ : | | .439* | sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 65.2% | 13.5% | 21.3% | 0.0% | NW | 0 | N/A |
| Hispanic | 41.9% | 15.7% | 41.9% | 0.6% | White | 0 | N/A |
| White | 72.4% | 18.5% | 8.7% | 0.5% | | | |
| Other | 68.0% | 22.0% | 10.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOURNE POLICE DEPARTMENT

| Total Citations ¹ : 2,171 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 11.7% | Citations per 1000 | |
| | Passing through: | 88.3% | 18 + residents: | 127.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,933) | | | | ITP Stops ³ (N = 714) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.06 | | | | 38.62 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.7% | | | | Female 34.4% | | | |
| Male 62.9% | | | | Male 64.7% | | | |
| Non-binary 0.3% | | | | Non-binary 0.8% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 9.4% | | | | AA/Black 9.1% | | | |
| Hispanic 1.3% | | | | Hispanic 1.4% | | | |
| White 87.7% | | | | White 88.4% | | | |
| Other 1.6% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.4% | 1.3% | 8.1% | AA/Black | 9.4% | 14.4% | -5.0% |
| Hispanic | 1.3% | 2.7% | -1.4% | Hispanic | 1.3% | 14.5% | -13.2% |
| White | 87.7% | 88.5% | -0.8% | White | 87.7% | 66.4% | 21.3% |
| Other | 1.6% | 5.7% | -4.1% | Other | 1.6% | 4.6% | -3.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 217 | 10.2% | 14.2% | NW | 67 | 12.0% | 10.5% |
| White | 1,543 | 89.8% | 85.8% | White | 531 | 88.0% | 89.5% |
| Chi-square, X-tab ⁶ : .011* sig. | | | | Chi-square, X-tab ⁶ : .552 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .704* sig. | | | | Odds ratio Exp(B) ⁷ : 1.346 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 62.3% | 19.1% | 10.6% | 8.0% | NW | 3 | N/A |
| Hispanic | 36.7% | 23.3% | 26.7% | 13.3% | White | 40 | N/A |
| White | 67.2% | 17.3% | 9.7% | 5.8% | | | |
| Other | 81.8% | 12.1% | 6.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .007* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BOXBOROUGH POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|--------------|----------|----------|
| Total Citations ¹ : 216 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 11.4% | Citations per 1000 | | | | | | |
| | Passing through: | | 88.6% | 18 + residents: 47.9 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 212) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 35.44 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 22.4% | | | | Female N/A | | | | | | |
| Male 77.6% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 7.5% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 8.2% | | | | AA/Black N/A | | | | | | |
| Hispanic 7.7% | | | | Hispanic N/A | | | | | | |
| White 79.1% | | | White N/A | | | | | | | |
| Other 5.1% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 8.2% | 0.7% | 7.5% | | AA/Black | 8.2% | 14.4% | -6.2% | | |
| Hispanic | 7.7% | 5.1% | 2.6% | | Hispanic | 7.7% | 14.5% | -6.8% | | |
| White | 79.1% | 73.4% | 5.7% | | White | 79.1% | 66.4% | 12.7% | | |
| Other | 5.1% | 21.1% | -16.0% | | Other | 5.1% | 4.6% | 0.5% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | 40 | 20.4% | 23.3% | | NW | N/A | N/A | N/A | | |
| White | 152 | 79.6% | 76.6% | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | .714 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | .985 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 17.6% | 35.3% | 35.3% | 11.8% | NW | 0 | N/A | | | |
| Hispanic | 26.7% | 6.7% | 60.0% | 6.7% | White | 0 | N/A | | | |
| White | 42.4% | 19.6% | 34.2% | 3.8% | | | | | | |
| Other | 70.0% | 30.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .036* sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BOXFORD POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|--------------|--------------|--|--------------|--------------|---------------|
| Total Citations ¹ : 328 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 8.2% | | | Citations per 1000 | | | |
| | Passing through: 91.8% | | | 18 + residents: 53 | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 319) | | | | ITP Stops ³ (N = 148) | | | |
| Mean age | | | | Mean age | | | |
| 38.21 | | | | 37.62 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.2% | | | | Female 24.4% | | | |
| Male 70.8% | | | | Male 75.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 35.4% | | | | Race % Mis/Unk ⁴ 34.5% | | | |
| AA/Black 0.5% | | | | AA/Black 8.2% | | | |
| Hispanic 4.9% | | | | Hispanic 1.0% | | | |
| White 94.2% | | | | White 90.7% | | | |
| Other 0.5% | | | | Other 0.0% | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 0.5% | 0.0% | 0.5% | AA/Black | 0.5% | 14.4% | -13.9% |
| Hispanic | 4.9% | 2.5% | 2.4% | Hispanic | 4.9% | 14.5% | -9.6% |
| White | 94.2% | 93.0% | 1.2% | White | 94.2% | 66.4% | 27.8% |
| Other | 0.5% | 5.8% | -5.3% | Other | 0.5% | 4.6% | -4.1% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 50.0% | 0.0% | 50.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 90.0% | 0.0% | 10.0% | 0.0% | White | 1 | N/A |
| White | 75.8% | 17.2% | 5.6% | 1.5% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .384 not sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOYLSTON POLICE DEPARTMENT

| Total Citations ¹ : 486 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 8.4% | Citations per 1000 | |
| | Passing through: | 91.6% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 467) | | | | ITP Stops ³ (N = 161) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.26 | | | | 34.79 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.7% | | | | Female 33.3% | | | |
| Male 62.1% | | | | Male 66.7% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 18.4% | | | | Race % Mis/Unk ⁴ 20.5% | | | |
| AA/Black 9.2% | | | | AA/Black 9.4% | | | |
| Hispanic 11.8% | | | | Hispanic 9.4% | | | |
| White 77.2% | | | | White 78.9% | | | |
| Other 1.8% | | | | Other 2.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.2% | N/A | N/A | AA/Black | 9.2% | 14.4% | -5.2% |
| Hispanic | 11.8% | N/A | N/A | Hispanic | 11.8% | 14.5% | -2.7% |
| White | 77.2% | N/A | N/A | White | 77.2% | 66.4% | 10.8% |
| Other | 1.8% | N/A | N/A | Other | 1.8% | 4.6% | -2.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 79 | 21.5% | 23.5% | NW | 22 | 18.5% | 21.3% |
| White | 277 | 78.5% | 76.5% | White | 90 | 81.5% | 78.7% |
| Chi-square, X-tab ⁶ : .667 not sig. | | | | Chi-square, X-tab ⁶ : .711 not sig. | | | |
| Odds ratio Exp(B) ⁷ : 1.032 not sig. | | | | Odds ratio Exp(B) ⁷ : .559 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 81.6% | 2.6% | 15.8% | 0.0% | NW | 0 | N/A |
| Hispanic | 71.1% | 4.4% | 24.4% | 0.0% | White | 1 | N/A |
| White | 82.6% | 5.2% | 10.5% | 1.6% | | | |
| Other | 85.7% | 0.0% | 14.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .405 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BRAINTREE POLICE DEPARTMENT

| Total Citations ¹ : 368 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 17.8% | Citations per 1000 | |
| | Passing through: | 82.2% | 18 + residents: | 12.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 258) | | | | ITP Stops ³ (N = 73) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.15 | | | | 38.3 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.7% | | | | Female 23.9% | | | |
| Male 72.3% | | | | Male 76.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.7% | | | | Race % Mis/Unk ⁴ 6.8% | | | |
| AA/Black 23.2% | | | | AA/Black 26.5% | | | |
| Hispanic 15.9% | | | | Hispanic 11.8% | | | |
| White 53.3% | | | | White 54.4% | | | |
| Other 7.7% | | | | Other 7.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 23.2% | 3.0% | 20.2% | AA/Black | 23.2% | 14.4% | 8.8% |
| Hispanic | 15.9% | 2.1% | 13.8% | Hispanic | 15.9% | 14.5% | 1.4% |
| White | 53.3% | 79.4% | -26.1% | White | 53.3% | 66.4% | -13.1% |
| Other | 7.7% | 15.6% | -7.9% | Other | 7.7% | 4.6% | 3.1% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|--|----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 110 | 47.4% | 45.1% | NW | 28 | 48.1% | 40.5% |
| White | 127 | 52.6% | 54.9% | White | 36 | 51.9% | 59.5% |
| Chi-square, X-tab ⁶ : .724 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .545 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : 1.095 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 3.309 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 28.6% | 13.0% | 39.0% | 19.5% | NW | 4 | N/A |
| Hispanic | 16.1% | 8.1% | 67.7% | 8.1% | White | 6 | N/A |
| White | 42.5% | 12.4% | 37.1% | 8.1% | | | |
| Other | 57.7% | 26.9% | 7.7% | 7.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BREWSTER POLICE DEPARTMENT

| Total Citations ¹ : 483 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 33.3% | Citations per 1000 | |
| | Passing through: | 66.7% | 18 + residents: | 59 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 425) | | | | ITP Stops ³ (N = 233) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.17 | | | | 40.58 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.6% | | | | Female 39.2% | | | |
| Male 58.4% | | | | Male 60.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.6% | | | | Race % Mis/Unk ⁴ 2.1% | | | |
| AA/Black 6.5% | | | | AA/Black 4.8% | | | |
| Hispanic 5.6% | | | | Hispanic 6.1% | | | |
| White 87.0% | | | | White 88.2% | | | |
| Other 1.0% | | | | Other 0.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.5% | 1.0% | 5.5% | AA/Black | 6.5% | 14.4% | -7.9% |
| Hispanic | 5.6% | 2.2% | 3.4% | Hispanic | 5.6% | 14.5% | -8.9% |
| White | 87.0% | 94.7% | -7.7% | White | 87.0% | 66.4% | 20.6% |
| Other | 1.0% | 2.5% | -1.5% | Other | 1.0% | 4.6% | -3.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 51 | 8.6% | 25.2% | NW | 25 | 7.6% | 24.1% |
| White | 342 | 91.4% | 74.8% | White | 187 | 92.4% | 75.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .001* sig. | | | |
| Odds ratio Exp(B) ⁷ : .254* sig. | | | | Odds ratio Exp(B) ⁷ : .172* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|---------------|-------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 71.4% | 7.1% | 21.4% | 0.0% | NW | 0 | N/A |
| Hispanic | 55.6% | 3.7% | 29.6% | 11.1% | White | 2 | N/A |
| White | 80.5% | 6.1% | 8.0% | 5.4% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .007* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BRIDGEWATER POLICE DEPARTMENT

| Total Citations ¹ : 2,908 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 30.4% | Citations per 1000 | |
| | Passing through: | 69.6% | 18 + residents: | 128.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,726) | | | | ITP Stops ³ (N = 1,082) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.09 | | | | 35.13 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.0% | | | | Female 35.4% | | | |
| Male 62.9% | | | | Male 64.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | Race % Mis/Unk ⁴ 2.8% | | | |
| AA/Black 17.9% | | | | AA/Black 12.8% | | | |
| Hispanic 2.7% | | | | Hispanic 2.5% | | | |
| White 78.6% | | | | White 83.8% | | | |
| Other 0.8% | | | | Other 0.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 17.9% | 8.6% | 9.3% | AA/Black | 17.9% | 14.4% | 3.5% |
| Hispanic | 2.7% | 3.9% | -1.2% | Hispanic | 2.7% | 14.5% | -11.8% |
| White | 78.6% | 83.5% | -4.9% | White | 78.6% | 66.4% | 12.2% |
| Other | 0.8% | 4.7% | -3.9% | Other | 0.8% | 4.6% | -3.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 546 | 20.0% | 24.6% | NW | 155 | 17.2% | 15.4% |
| White | 1,964 | 80.0% | 75.4% | White | 778 | 82.8% | 84.6% |
| Chi-square, X-tab ⁶ : .007* sig. | | | | Chi-square, X-tab ⁶ : .477 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .728* sig. | | | | Odds ratio Exp(B) ⁷ : .677 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 67.7% | 10.4% | 17.2% | 4.8% | NW | 2 | N/A |
| Hispanic | 66.2% | 6.5% | 20.8% | 6.5% | White | 4 | N/A |
| White | 81.9% | 8.3% | 7.8% | 1.9% | | | |
| Other | 87.0% | 4.3% | 8.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BRIMFIELD POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 199 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 8.2% | Citations per 1000 | | | | | | |
| | Passing through: | | 91.8% | 18 + residents: N/A | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 194) | | | | ITP Stops ³ (N = 105) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 36.99 | | | | 39.72 | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 35.3% | | | | Female 35.9% | | | | | | |
| Male 64.7% | | | | Male 64.1% | | | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | | | |
| Race % Mis/Unk ⁴ 4.1% | | | | Race % Mis/Unk ⁴ 3.8% | | | | | | |
| AA/Black 3.8% | | | | AA/Black 2.0% | | | | | | |
| Hispanic 3.8% | | | | Hispanic 4.0% | | | | | | |
| White 92.5% | | | White 94.1% | | | | | | | |
| Other 0.0% | | | Other 0.0% | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 3.8% | N/A | N/A | | AA/Black | 3.8% | 14.4% | -10.6% | | |
| Hispanic | 3.8% | N/A | N/A | | Hispanic | 3.8% | 14.5% | -10.7% | | |
| White | 92.5% | N/A | N/A | | White | 92.5% | 66.4% | 26.1% | | |
| Other | 0.0% | N/A | N/A | | Other | 0.0% | 4.6% | -4.6% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 57.1% | 14.3% | 28.6% | 0.0% | NW | 1 | N/A | | | |
| Hispanic | 100.0% | 0.0% | 0.0% | 0.0% | White | 2 | N/A | | | |
| White | 64.4% | 22.6% | 11.3% | 1.7% | | | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : .426 | | | | not sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BROCKTON POLICE DEPARTMENT

| Total Citations ¹ : 4,023 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 58.3% | Citations per 1000 | |
| | Passing through: | 41.7% | 18 + residents: | 56 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,129) | | | | ITP Stops ³ (N = 1,136) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.84 | | | | 36.97 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.6% | | | | Female 37.7% | | | |
| Male 62.4% | | | | Male 62.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 68.0% | | | | AA/Black 71.5% | | | |
| Hispanic 3.2% | | | | Hispanic 3.0% | | | |
| White 27.8% | | | | White 24.8% | | | |
| Other 1.0% | | | | Other 0.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 68.0% | 45.6% | 22.4% | AA/Black | 68.0% | 14.4% | 53.6% |
| Hispanic | 3.2% | 11.1% | -7.9% | Hispanic | 3.2% | 14.5% | -11.3% |
| White | 27.8% | 30.8% | -3.0% | White | 27.8% | 66.4% | -38.6% |
| Other | 1.0% | 6.0% | -5.0% | Other | 1.0% | 4.6% | -3.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,027 | 70.5% | 76.4% | NW | 764 | 75.7% | 74.9% |
| White | 784 | 29.5% | 23.6% | White | 249 | 24.3% | 25.1% |
| Chi-square, X-tab ⁶ : .002* sig. | | | | Chi-square, X-tab ⁶ : .778 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .675* sig. | | | | Odds ratio Exp(B) ⁷ : .755 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 44.3% | 39.2% | 14.5% | 2.0% | NW | 28 | N/A |
| Hispanic | 39.1% | 33.6% | 27.3% | 0.0% | White | 10 | N/A |
| White | 58.3% | 27.0% | 12.6% | 2.0% | | | |
| Other | 59.0% | 30.8% | 10.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BROOKFIELD POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|----------------------|---|--------------------------------------|--------------|--------------|--------------|
| Total Citations ¹ : 202 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 12.8% | Citations per 1000 | | | | |
| | Passing through: | | 87.2% | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 196) | | | | ITP Stops ³ (N = 116) | | | | |
| Mean age | | | | Mean age | | | | |
| 36.02 | | | | 37.4 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 40.5% | | | | Female 42.2% | | | | |
| Male 59.5% | | | | Male 57.8% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 0.9% | | | | |
| AA/Black 4.7% | | | | AA/Black 4.3% | | | | |
| Hispanic 5.2% | | | Hispanic 4.3% | | | | | |
| White 89.6% | | | White 90.4% | | | | | |
| Other 0.5% | | | Other 0.9% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 4.7% | N/A | N/A | | AA/Black | 4.7% | 14.4% | -9.7% |
| Hispanic | 5.2% | N/A | N/A | | Hispanic | 5.2% | 14.5% | -9.3% |
| White | 89.6% | N/A | N/A | | White | 89.6% | 66.4% | 23.2% |
| Other | 0.5% | N/A | N/A | | Other | 0.5% | 4.6% | -4.1% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 18 | 8.1% | 13.8% | | NW | N/A | N/A | N/A |
| White | 163 | 91.9% | 86.2% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .235 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .566 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 50.0% | 30.0% | 20.0% | 0.0% | NW | 0 | N/A | |
| Hispanic | 70.0% | 10.0% | 20.0% | 0.0% | White | 0 | N/A | |
| White | 77.5% | 8.4% | 10.7% | 3.4% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .538 | | not sig. | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BROOKLINE POLICE DEPARTMENT

| Total Citations ¹ : 4,432 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 10.5% | Citations per 1000 | |
| | Passing through: | 89.5% | 18 + residents: | 92.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,294) | | | | ITP Stops ³ (N = 1,458) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.68 | | | | 39.64 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.0% | | | | Female 41.5% | | | |
| Male 58.8% | | | | Male 58.2% | | | |
| Non-binary 0.2% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 3.1% | | | |
| AA/Black 19.1% | | | | AA/Black 18.9% | | | |
| Hispanic 11.5% | | | | Hispanic 11.7% | | | |
| White 58.5% | | | | White 59.3% | | | |
| Other 10.9% | | | | Other 10.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 19.1% | 3.2% | 15.9% | AA/Black | 19.1% | 14.4% | 4.7% |
| Hispanic | 11.5% | 6.8% | 4.7% | Hispanic | 11.5% | 14.5% | -3.0% |
| White | 58.5% | 68.0% | -9.5% | White | 58.5% | 66.4% | -7.9% |
| Other | 10.9% | 22.6% | -11.7% | Other | 10.9% | 4.6% | 6.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,623 | 39.2% | 49.1% | NW | 546 | 39.5% | 43.8% |
| White | 2,294 | 60.8% | 50.9% | White | 790 | 60.5% | 56.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .136 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .636* sig. | | | | Odds ratio Exp(B) ⁷ : .625* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 86.3% | 11.2% | 2.4% | 0.1% | NW | 2 | N/A |
| Hispanic | 80.5% | 17.7% | 1.2% | 0.6% | White | 5 | N/A |
| White | 85.0% | 13.9% | 1.0% | 0.1% | | | |
| Other | 84.7% | 13.4% | 1.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BUCKLAND POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|-------------|------------------|--|--------------------------------------|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 213 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 13.2% | Citations per 1000 | | | | | | |
| | Passing through: | | 86.8% | 18 + residents: N/A | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 208) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 43.43 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 44.9% | | | | Female N/A | | | | | | |
| Male 55.1% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 1.0% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 2.4% | | | | AA/Black N/A | | | | | | |
| Hispanic 1.5% | | | | Hispanic N/A | | | | | | |
| White 96.1% | | | White N/A | | | | | | | |
| Other 0.0% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 2.4% | N/A | N/A | | AA/Black | 2.4% | 14.4% | -12.0% | | |
| Hispanic | 1.5% | N/A | N/A | | Hispanic | 1.5% | 14.5% | -13.0% | | |
| White | 96.1% | N/A | N/A | | White | 96.1% | 66.4% | 29.7% | | |
| Other | 0.0% | N/A | N/A | | Other | 0.0% | 4.6% | -4.6% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 80.0% | 0.0% | 20.0% | 0.0% | NW | 1 | N/A | | | |
| Hispanic | 100.0% | 0.0% | 0.0% | 0.0% | White | 0 | N/A | | | |
| White | 89.2% | 5.4% | 5.4% | 0.0% | | | | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .642 | | not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BURLINGTON POLICE DEPARTMENT

| Total Citations ¹ : 2,169 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 26.1% | Citations per 1000 | |
| | Passing through: | 73.9% | 18 + residents: | 95.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,117) | | | | ITP Stops ³ (N = 982) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.16 | | | | 38.68 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.5% | | | | Female 38.7% | | | |
| Male 59.5% | | | | Male 61.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 1.5% | | | |
| AA/Black 10.5% | | | | AA/Black 8.7% | | | |
| Hispanic 4.6% | | | | Hispanic 4.9% | | | |
| White 73.0% | | | | White 75.4% | | | |
| Other 11.9% | | | | Other 11.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.5% | 4.5% | 6.0% | AA/Black | 10.5% | 14.4% | -3.9% |
| Hispanic | 4.6% | 3.1% | 1.5% | Hispanic | 4.6% | 14.5% | -9.9% |
| White | 73.0% | 71.5% | 1.5% | White | 73.0% | 66.4% | 6.6% |
| Other | 11.9% | 21.0% | -9.1% | Other | 11.9% | 4.6% | 7.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 506 | 24.0% | 34.0% | NW | 214 | 22.2% | 29.8% |
| White | 1,389 | 76.0% | 66.0% | White | 662 | 77.8% | 70.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .016* sig. | | | |
| Odds ratio Exp(B) ⁷ : .610* sig. | | | | Odds ratio Exp(B) ⁷ : .643* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 85.0% | 8.0% | 5.8% | 1.3% | NW | 2 | N/A |
| Hispanic | 86.6% | 12.4% | 1.0% | 0.0% | White | 0 | N/A |
| White | 89.0% | 8.0% | 2.6% | 0.4% | | | |
| Other | 92.5% | 4.8% | 2.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .021* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CAMBRIDGE POLICE DEPARTMENT

| Total Citations ¹ : 3,898 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 22.4% | Citations per 1000 | |
| | Passing through: | 77.6% | 18 + residents: | 37.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,714) | | | | ITP Stops ³ (N = 1,716) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.83 | | | | 38.28 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.9% | | | | Female 32.5% | | | |
| Male 68.1% | | | | Male 67.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.8% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 19.1% | | | | AA/Black 18.4% | | | |
| Hispanic 11.7% | | | | Hispanic 12.7% | | | |
| White 56.5% | | | | White 55.7% | | | |
| Other 12.7% | | | | Other 13.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 19.1% | 10.7% | 8.4% | AA/Black | 19.1% | 14.4% | 4.7% |
| Hispanic | 11.7% | 9.5% | 2.2% | Hispanic | 11.7% | 14.5% | -2.8% |
| White | 56.5% | 59.8% | -3.3% | White | 56.5% | 66.4% | -9.9% |
| Other | 12.7% | 21.4% | -8.7% | Other | 12.7% | 4.6% | 8.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,489 | 41.0% | 50.9% | NW | 698 | 43.4% | 47.8% |
| White | 1,928 | 59.0% | 49.1% | White | 872 | 56.6% | 52.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .125 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .657* sig. | | | | Odds ratio Exp(B) ⁷ : .719* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 66.3% | 18.3% | 13.1% | 2.4% | NW | 11 | N/A |
| Hispanic | 63.4% | 19.3% | 15.7% | 1.6% | White | 7 | N/A |
| White | 66.7% | 27.2% | 5.1% | 1.0% | | | |
| Other | 70.4% | 26.2% | 2.9% | 0.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CANTON POLICE DEPARTMENT

| Total Citations ¹ : 956 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 26.6% | Citations per 1000 | |
| | Passing through: | 73.4% | 18 + residents: | 51.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 930) | | | | ITP Stops ³ (N = 536) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.52 | | | | 37.21 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.3% | | | | Female 40.1% | | | |
| Male 62.7% | | | | Male 59.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 8.3% | | | | Race % Mis/Unk ⁴ 8.4% | | | |
| AA/Black 25.2% | | | | AA/Black 21.4% | | | |
| Hispanic 4.2% | | | | Hispanic 4.5% | | | |
| White 64.9% | | | | White 68.0% | | | |
| Other 5.6% | | | | Other 6.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 25.2% | 5.2% | 20.0% | AA/Black | 25.2% | 14.4% | 10.8% |
| Hispanic | 4.2% | 4.1% | 0.1% | Hispanic | 4.2% | 14.5% | -10.3% |
| White | 64.9% | 80.9% | -16.0% | White | 64.9% | 66.4% | -1.5% |
| Other | 5.6% | 9.3% | -3.7% | Other | 5.6% | 4.6% | 1.0% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 274 | 29.7% | 40.5% | NW | 140 | 26.4% | 41.9% |
| White | 532 | 70.3% | 59.5% | White | 315 | 73.6% | 58.1% |
| Chi-square, X-tab ⁶ : .002* sig. | | | | Chi-square, X-tab ⁶ : .001* sig. | | | |
| Odds ratio Exp(B) ⁷ : .672* sig. | | | | Odds ratio Exp(B) ⁷ : .538* sig. | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 70.7% | 8.4% | 19.6% | 1.3% | NW | 2 | N/A |
| Hispanic | 70.3% | 5.4% | 18.9% | 5.4% | White | 4 | N/A |
| White | 85.0% | 4.2% | 8.5% | 2.3% | | | |
| Other | 95.8% | 2.1% | 2.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT CARVER POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 148 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 30.0% | Citations per 1000 | | | | | | |
| | Passing through: | | 70.0% | 18 + residents: 16 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 100) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 38.78 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 45.9% | | | | Female N/A | | | | | | |
| Male 54.1% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 6.1% | | | | AA/Black N/A | | | | | | |
| Hispanic 1.0% | | | | Hispanic N/A | | | | | | |
| White 91.8% | | | White N/A | | | | | | | |
| Other 1.0% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 6.1% | 0.5% | 5.6% | | AA/Black | 6.1% | 14.4% | -8.3% | | |
| Hispanic | 1.0% | 2.4% | -1.4% | | Hispanic | 1.0% | 14.5% | -13.5% | | |
| White | 91.8% | 92.5% | -0.7% | | White | 91.8% | 66.4% | 25.4% | | |
| Other | 1.0% | 3.3% | -2.3% | | Other | 1.0% | 4.6% | -3.6% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 30.8% | 15.4% | 53.8% | 0.0% | NW | 0 | N/A | | | |
| Hispanic | 0.0% | 0.0% | 100.0% | 0.0% | White | 3 | N/A | | | |
| White | 55.0% | 17.8% | 23.5% | 3.9% | | | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .371 not sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CHARLTON POLICE DEPARTMENT

| Total Citations ¹ : 1,307 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 16.1% | Citations per 1000 | |
| | Passing through: | 83.9% | 18 + residents: | 122.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,240) | | | | ITP Stops ³ (N = 564) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.7 | | | | 34.34 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.5% | | | | Female 34.4% | | | |
| Male 63.5% | | | | Male 65.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 0.5% | | | |
| AA/Black 8.4% | | | | AA/Black 6.2% | | | |
| Hispanic 21.3% | | | | Hispanic 19.1% | | | |
| White 68.2% | | | | White 72.5% | | | |
| Other 2.0% | | | | Other 2.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.4% | 0.9% | 7.5% | AA/Black | 8.4% | 14.4% | -6.0% |
| Hispanic | 21.3% | 6.1% | 15.2% | Hispanic | 21.3% | 14.5% | 6.8% |
| White | 68.2% | 90.5% | -22.3% | White | 68.2% | 66.4% | 1.8% |
| Other | 2.0% | 3.7% | -1.7% | Other | 2.0% | 4.6% | -2.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 372 | 29.2% | 35.6% | NW | 138 | 25.5% | 29.6% |
| White | 782 | 70.8% | 64.4% | White | 362 | 74.5% | 70.4% |
| Chi-square, X-tab ⁶ : .019* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .301 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .801 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.353 <i>not sig.</i> | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 71.7% | 11.3% | 16.0% | 0.9% | NW | 2 | N/A |
| Hispanic | 69.0% | 17.7% | 12.2% | 1.1% | White | 5 | N/A |
| White | 74.5% | 15.0% | 6.8% | 3.6% | | | |
| Other | 69.0% | 17.2% | 3.4% | 10.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT CHATHAM POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|---------|-----------|--------|----------|----------|
| Total Citations ¹ : 117 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 18.0% | Citations per 1000 | | | | | | |
| | Passing through: | | 82.0% | 18 + residents: 19.6 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 90) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 35.39 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 24.7% | | | | Female N/A | | | | | | |
| Male 75.3% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 4.5% | | | | AA/Black N/A | | | | | | |
| Hispanic 4.5% | | | | Hispanic N/A | | | | | | |
| White 91.0% | | | White N/A | | | | | | | |
| Other 0.0% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 4.5% | 1.4% | 3.1% | | AA/Black | 4.5% | 14.4% | -9.9% | | |
| Hispanic | 4.5% | 1.3% | 3.2% | | Hispanic | 4.5% | 14.5% | -10.0% | | |
| White | 91.0% | 95.1% | -4.1% | | White | 91.0% | 66.4% | 24.6% | | |
| Other | 0.0% | 3.0% | -3.0% | | Other | 0.0% | 4.6% | -4.6% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 25.0% | 37.5% | 25.0% | 12.5% | NW | 0 | N/A | | | |
| Hispanic | 50.0% | 0.0% | 33.3% | 16.7% | White | 2 | N/A | | | |
| White | 36.3% | 29.4% | 24.5% | 9.8% | | | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : .804 not sig. | | | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CHELMSFORD POLICE DEPARTMENT

| Total Citations ¹ : 1,059 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 20.1% | Citations per 1000 | |
| | Passing through: | 79.9% | 18 + residents: | 37.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 965) | | | | ITP Stops ³ (N = 144) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.05 | | | | 37.78 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.3% | | | | Female 37.1% | | | |
| Male 56.6% | | | | Male 62.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.7% | | | | Race % Mis/Unk ⁴ 12.5% | | | |
| AA/Black 5.6% | | | | AA/Black 7.1% | | | |
| Hispanic 11.8% | | | | Hispanic 8.7% | | | |
| White 71.7% | | | | White 66.7% | | | |
| Other 10.9% | | | | Other 17.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.6% | 0.9% | 4.7% | AA/Black | 5.6% | 14.4% | -8.8% |
| Hispanic | 11.8% | 3.3% | 8.5% | Hispanic | 11.8% | 14.5% | -2.7% |
| White | 71.7% | 85.2% | -13.5% | White | 71.7% | 66.4% | 5.3% |
| Other | 10.9% | 11.0% | -0.1% | Other | 10.9% | 4.6% | 6.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 248 | 28.2% | 32.9% | NW | 39 | 34.7% | 35.1% |
| White | 620 | 71.8% | 67.1% | White | 73 | 65.3% | 64.9% |
| Chi-square, X-tab ⁶ : | | .408 | not sig. | Chi-square, X-tab ⁶ : | | .961 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .796 | not sig. | Odds ratio Exp(B) ⁷ : | | .791 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 56.4% | 25.5% | 18.2% | 0.0% | NW | 0 | N/A |
| Hispanic | 50.8% | 17.8% | 28.8% | 2.5% | White | 4 | N/A |
| White | 69.8% | 21.2% | 6.3% | 2.7% | | | |
| Other | 69.2% | 21.2% | 6.7% | 2.9% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CHELSEA POLICE DEPARTMENT

| Total Citations ¹ : 1,304 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 38.2% | Citations per 1000 | |
| | Passing through: | 61.8% | 18 + residents: | 44.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,116) | | | | ITP Stops ³ (N = 294) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.67 | | | | 39.57 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.8% | | | | Female 28.2% | | | |
| Male 69.2% | | | | Male 71.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 6.3% | | | | Race % Mis/Unk ⁴ 4.4% | | | |
| AA/Black 11.0% | | | | AA/Black 8.9% | | | |
| Hispanic 32.2% | | | | Hispanic 31.3% | | | |
| White 54.3% | | | | White 57.3% | | | |
| Other 2.5% | | | | Other 2.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.0% | 6.4% | 4.6% | AA/Black | 11.0% | 14.4% | -3.4% |
| Hispanic | 32.2% | 67.0% | -34.8% | Hispanic | 32.2% | 14.5% | 17.7% |
| White | 54.3% | 20.6% | 33.7% | White | 54.3% | 66.4% | -12.1% |
| Other | 2.5% | 36.9% | -34.4% | Other | 2.5% | 4.6% | -2.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 435 | 52.1% | 29.7% | NW | 101 | 46.3% | 33.7% |
| White | 517 | 47.9% | 70.3% | White | 143 | 53.7% | 66.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .051 not sig. | | | |
| Odds ratio Exp(B) ⁷ : 2.332* sig. | | | | Odds ratio Exp(B) ⁷ : 1.944 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 69.0% | 17.8% | 11.6% | 1.6% | NW | 8 | N/A |
| Hispanic | 70.9% | 6.5% | 20.1% | 2.5% | White | 1 | N/A |
| White | 52.6% | 22.2% | 21.6% | 3.6% | | | |
| Other | 80.8% | 15.4% | 3.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CHICOPEE POLICE DEPARTMENT

| Total Citations ¹ : 6,499 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 41.4% | Citations per 1000 | |
| | Passing through: | 58.6% | 18 + residents: | 147.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,576) | | | | ITP Stops ³ (N = 1,152) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.14 | | | | 37.99 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.4% | | | | Female 37.4% | | | |
| Male 59.6% | | | | Male 62.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 2.1% | | | |
| AA/Black 10.7% | | | | AA/Black 9.4% | | | |
| Hispanic 28.9% | | | | Hispanic 32.2% | | | |
| White 57.9% | | | | White 55.5% | | | |
| Other 2.4% | | | | Other 2.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.7% | 5.2% | 5.5% | AA/Black | 10.7% | 14.4% | -3.7% |
| Hispanic | 28.9% | 21.0% | 7.9% | Hispanic | 28.9% | 14.5% | 14.4% |
| White | 57.9% | 71.2% | -13.3% | White | 57.9% | 66.4% | -8.5% |
| Other | 2.4% | 4.6% | -2.2% | Other | 2.4% | 4.6% | -2.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,220 | 38.7% | 50.4% | NW | 419 | 44.3% | 44.4% |
| White | 3,064 | 61.3% | 49.6% | White | 526 | 55.7% | 55.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .980 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .610* sig. | | | | Odds ratio Exp(B) ⁷ : .983 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 72.0% | 9.0% | 15.2% | 3.7% | NW | 6 | N/A |
| Hispanic | 69.0% | 10.2% | 15.9% | 5.0% | White | 6 | N/A |
| White | 82.6% | 7.8% | 7.5% | 2.2% | | | |
| Other | 84.2% | 10.8% | 3.8% | 1.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT CLINTON POLICE DEPARTMENT

| | | | | | | | | |
|---|-----------------------------|----------|----------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 177 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: N/A | | | Citations per 1000 | | | | |
| | Passing through: N/A | | | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 138) | | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | | Mean age | | | |
| 36.75 | | | | | N/A | | | |
| Gender % | | | | | Gender % | | | |
| Female 27.0% | | | | | Female N/A | | | |
| Male 72.3% | | | | | Male N/A | | | |
| Non-binary 0.7% | | | | | Non-binary N/A | | | |
| Race % Mis/Unk 15.9% | | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 7.8% | | | | | AA/Black N/A | | | |
| Hispanic 12.9% | | | | | Hispanic N/A | | | |
| White 78.4% | | | | White N/A | | | | |
| Other 0.9% | | | | Other N/A | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 7.8% | 3.4% | 4.4% | | AA/Black | 7.8% | 14.4% | -6.6% |
| Hispanic | 12.9% | 19.7% | -6.8% | | Hispanic | 12.9% | 14.5% | -1.6% |
| White | 78.4% | 74.9% | 3.5% | | White | 78.4% | 66.4% | 12.0% |
| Other | 0.9% | 4.8% | -3.9% | | Other | 0.9% | 4.6% | -3.7% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 24 | 25.0% | 20.4% | | NW | N/A | N/A | N/A |
| White | 81 | 75.0% | 79.6% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .576 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.137 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 46.2% | 15.4% | 30.8% | 7.7% | NW | 0 | N/A | |
| Hispanic | 16.7% | 12.5% | 50.0% | 20.8% | White | 0 | N/A | |
| White | 34.8% | 23.2% | 33.9% | 8.0% | | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .182 not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

COHASSET POLICE DEPARTMENT

| Total Citations ¹ : 2,364 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 29.2% | Citations per 1000 | |
| | Passing through: | 70.8% | 18 + residents: | 388.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,307) | | | | ITP Stops ³ (N = 1,168) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.97 | | | | 42.85 | | | |
| Gender % | | | | Gender % | | | |
| Female 46.8% | | | | Female 42.1% | | | |
| Male 53.0% | | | | Male 57.8% | | | |
| Non-binary 0.2% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 2.3% | | | | AA/Black 2.3% | | | |
| Hispanic 2.1% | | | | Hispanic 2.5% | | | |
| White 94.3% | | | | White 94.1% | | | |
| Other 1.3% | | | | Other 1.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.3% | 0.7% | 1.6% | AA/Black | 2.3% | 14.4% | -12.1% |
| Hispanic | 2.1% | 1.4% | 0.7% | Hispanic | 2.1% | 14.5% | -12.4% |
| White | 94.3% | 95.4% | -1.1% | White | 94.3% | 66.4% | 27.9% |
| Other | 1.3% | 2.3% | -1.0% | Other | 1.3% | 4.6% | -3.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 116 | 5.4% | 6.8% | NW | 57 | 6.0% | 5.0% |
| White | 1,931 | 94.6% | 93.2% | White | 943 | 94.0% | 95.0% |
| Chi-square, X-tab ⁶ : | | .288 | not sig. | Chi-square, X-tab ⁶ : | | .549 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .779 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.388 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 87.7% | 3.5% | 5.3% | 3.5% | NW | 0 | N/A |
| Hispanic | 76.0% | 6.0% | 18.0% | 0.0% | White | 4 | N/A |
| White | 96.9% | 1.7% | 1.2% | 0.2% | | | |
| Other | 93.1% | 3.4% | 3.4% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT COLRAIN POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 249 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 8.2% | Citations per 1000 | | | | | | |
| | Passing through: | | 91.8% | 18 + residents: N/A | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 245) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 40.72 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 30.7% | | | | Female N/A | | | | | | |
| Male 69.3% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 4.5% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 3.0% | | | | AA/Black N/A | | | | | | |
| Hispanic 0.9% | | | | Hispanic N/A | | | | | | |
| White 96.2% | | | White N/A | | | | | | | |
| Other 0.0% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 3.0% | N/A | N/A | | AA/Black | 3.0% | 14.4% | -11.4% | | |
| Hispanic | 0.9% | N/A | N/A | | Hispanic | 0.9% | 14.5% | -13.6% | | |
| White | 96.2% | N/A | N/A | | White | 96.2% | 66.4% | 29.8% | | |
| Other | 0.0% | N/A | N/A | | Other | 0.0% | 4.6% | -4.6% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 42.8% | 28.6% | 28.6% | 0.0% | NW | 0 | N/A | | | |
| Hispanic | 100.0% | 0.0% | 0.0% | 0.0% | White | 17 | N/A | | | |
| White | 59.8% | 29.7% | 10.0% | 0.4% | | | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : .684 | | | | not sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CONCORD POLICE DEPARTMENT

| Total Citations ¹ : 4,244 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 20.3% | Citations per 1000 | |
| | Passing through: | 79.7% | 18 + residents: | 295.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,197) | | | | ITP Stops ³ (N = 1,731) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.21 | | | | 42.06 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.5% | | | | Female 44.6% | | | |
| Male 58.5% | | | | Male 55.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.3% | | | | Race % Mis/Unk ⁴ 0.3% | | | |
| AA/Black 8.9% | | | | AA/Black 6.8% | | | |
| Hispanic 7.6% | | | | Hispanic 6.3% | | | |
| White 75.6% | | | | White 79.3% | | | |
| Other 8.0% | | | | Other 7.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.9% | 4.0% | 4.9% | AA/Black | 8.9% | 14.4% | -5.5% |
| Hispanic | 7.6% | 7.2% | 0.4% | Hispanic | 7.6% | 14.5% | -6.9% |
| White | 75.6% | 79.4% | -3.8% | White | 75.6% | 66.4% | 9.2% |
| Other | 8.0% | 10.0% | -2.0% | Other | 8.0% | 4.6% | 3.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 978 | 18.3% | 37.8% | NW | 315 | 18.6% | 26.0% |
| White | 3,023 | 81.7% | 62.2% | White | 1,236 | 81.4% | 74.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .002* sig. | | | |
| Odds ratio Exp(B) ⁷ : .379* sig. | | | | Odds ratio Exp(B) ⁷ : .675* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 63.0% | 24.6% | 11.1% | 1.3% | NW | 1 | N/A |
| Hispanic | 53.8% | 24.4% | 20.0% | 1.9% | White | 3 | N/A |
| White | 77.7% | 17.5% | 3.8% | 1.1% | | | |
| Other | 75.4% | 20.5% | 3.0% | 1.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT DALTON POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|---------------|------------------|--|--------------------------------------|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 128 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 30.3% | Citations per 1000 | | | | | | |
| | Passing through: | | 69.7% | 18 + residents: 23.5 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 99) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 35.73 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 40.8% | | | | Female N/A | | | | | | |
| Male 59.2% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 6.1% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 8.6% | | | | AA/Black N/A | | | | | | |
| Hispanic 1.1% | | | | Hispanic N/A | | | | | | |
| White 89.2% | | | White N/A | | | | | | | |
| Other 1.1% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 8.6% | 0.1% | 8.5% | | AA/Black | 8.6% | 14.4% | -5.8% | | |
| Hispanic | 1.1% | 2.1% | -1.0% | | Hispanic | 1.1% | 14.5% | -13.4% | | |
| White | 89.2% | 95.4% | -6.2% | | White | 89.2% | 66.4% | 22.8% | | |
| Other | 1.1% | 2.2% | -1.1% | | Other | 1.1% | 4.6% | -3.5% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 22.2% | 22.2% | 55.6% | 0.0% | NW | 0 | N/A | | | |
| Hispanic | 0.0% | 100.0% | 0.0% | 0.0% | White | 1 | N/A | | | |
| White | 68.5% | 8.1% | 21.6% | 1.8% | | | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : .031* sig. | | | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DANVERS POLICE DEPARTMENT

| Total Citations ¹ : 939 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 21.9% | Citations per 1000 | |
| | Passing through: | 78.1% | 18 + residents: | 42.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 718) | | | | ITP Stops ³ (N = 311) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.97 | | | | 41.15 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.6% | | | | Female 39.9% | | | |
| Male 60.4% | | | | Male 60.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 7.4% | | | | AA/Black 6.2% | | | |
| Hispanic 8.1% | | | | Hispanic 7.2% | | | |
| White 82.6% | | | | White 85.0% | | | |
| Other 1.9% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.4% | 2.4% | 5.0% | AA/Black | 7.4% | 14.4% | -7.0% |
| Hispanic | 8.1% | 5.1% | 3.0% | Hispanic | 8.1% | 14.5% | -6.4% |
| White | 82.6% | 87.6% | -5.0% | White | 82.6% | 66.4% | 16.2% |
| Other | 1.9% | 5.0% | -3.1% | Other | 1.9% | 4.6% | -2.7% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 104 | 12.7% | 22.3% | NW | 36 | 11.0% | 17.0% |
| White | 529 | 87.3% | 77.7% | White | 231 | 89.0% | 83.0% |
| Chi-square, X-tab ⁶ : .002* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .157 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .538* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .693 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 77.4% | 8.1% | 12.9% | 1.6% | NW | 0 | N/A |
| Hispanic | 68.5% | 8.2% | 17.8% | 5.5% | White | 0 | N/A |
| White | 86.2% | 5.0% | 6.0% | 2.9% | | | |
| Other | 87.5% | 12.5% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .002* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DARTMOUTH POLICE DEPARTMENT

| Total Citations ¹ : 2,913 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 29.3% | Citations per 1000 | |
| | Passing through: | 70.7% | 18 + residents: | 100.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,692) | | | | ITP Stops ³ (N = 872) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.33 | | | | 37.07 | | | |
| Gender % | | | | Gender % | | | |
| Female 46.7% | | | | Female 43.7% | | | |
| Male 53.2% | | | | Male 56.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.4% | | | | Race % Mis/Unk ⁴ 0.3% | | | |
| AA/Black 10.0% | | | | AA/Black 10.4% | | | |
| Hispanic 8.6% | | | | Hispanic 10.9% | | | |
| White 79.5% | | | | White 77.2% | | | |
| Other 1.9% | | | | Other 1.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.0% | 3.2% | 6.8% | AA/Black | 10.0% | 14.4% | -4.4% |
| Hispanic | 8.6% | 3.1% | 5.5% | Hispanic | 8.6% | 14.5% | -5.9% |
| White | 79.5% | 89.1% | -9.6% | White | 79.5% | 66.4% | 13.1% |
| Other | 1.9% | 4.6% | -2.7% | Other | 1.9% | 4.6% | -2.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 539 | 19.4% | 25.7% | NW | 188 | 22.3% | 26.3% |
| White | 2,056 | 80.6% | 74.3% | White | 602 | 77.7% | 73.7% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .208 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .711* sig. | | | | Odds ratio Exp(B) ⁷ : 1.047 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 64.4% | 7.6% | 23.2% | 4.8% | NW | 4 | N/A |
| Hispanic | 52.2% | 10.4% | 34.1% | 3.2% | White | 1 | N/A |
| White | 77.2% | 10.9% | 9.0% | 2.9% | | | |
| Other | 88.2% | 7.8% | 3.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DEDHAM POLICE DEPARTMENT

| Total Citations ¹ : 4,450 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 18.7% | Citations per 1000 | |
| | Passing through: | 81.3% | 18 + residents: | 218.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,380) | | | | ITP Stops ³ (N = 1,817) | | | |
|------------------------------------|----------------------|-------------|--|------------------------------------|----------------------|-------------|--|
| Mean age | | | | Mean age | | | |
| 42.24 | | | | 40.6 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.6% | | | | Female 45.2% | | | |
| Male 55.3% | | | | Male 54.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % | Mis/Unk ⁴ | 2.2% | | Race % | Mis/Unk ⁴ | 2.1% | |
| AA/Black | 22.4% | | | AA/Black | 22.9% | | |
| Hispanic | 10.6% | | | Hispanic | 10.6% | | |
| White | 62.3% | | | White | 60.9% | | |
| Other | 4.7% | | | Other | 5.6% | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 22.4% | 8.2% | 14.2% | AA/Black | 22.4% | 14.4% | 8.0% |
| Hispanic | 10.6% | 8.7% | 1.9% | Hispanic | 10.6% | 14.5% | -3.9% |
| White | 62.3% | 78.8% | -16.5% | White | 62.3% | 66.4% | -4.1% |
| Other | 4.7% | 5.4% | -0.7% | Other | 4.7% | 4.6% | 0.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,520 | 37.1% | 39.8% | NW | 638 | 38.3% | 41.2% |
| White | 2,543 | 62.9% | 60.2% | White | 1,010 | 61.7% | 58.8% |
| Chi-square, X-tab ⁶ : .289 not sig. | | | | Chi-square, X-tab ⁶ : .381 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .875 not sig. | | | | Odds ratio Exp(B) ⁷ : .735 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|-------------|-------------|-------|----------|------------|
| AA/Black | 94.2% | 4.2% | 1.2% | 0.4% | NW | 3 | N/A |
| Hispanic | 94.0% | 4.3% | 1.7% | 0.0% | White | 0 | N/A |
| White | 96.8% | 2.1% | 1.0% | 0.1% | | | |
| Other | 98.0% | 1.0% | 1.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT DEERFIELD POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------------|--------------|--------------|-----------------------------------|--|--------------|--------------|---------------|
| Total Citations ¹ : 272 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: 5.5% | | | Citations per 1000 | | | | |
| | Passing through: 94.5% | | | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 254) | | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | | Mean age | | | |
| 36.37 | | | | | N/A | | | |
| Gender % | | | | | Gender % | | | |
| Female 38.1% | | | | | Female N/A | | | |
| Male 61.9% | | | | | Male N/A | | | |
| Non-binary 0.0% | | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 7.3% | | | | | AA/Black N/A | | | |
| Hispanic 1.2% | | | | | Hispanic N/A | | | |
| White 88.7% | | | | White N/A | | | | |
| Other 2.8% | | | | Other N/A | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 7.3% | N/A | N/A | | AA/Black | 7.3% | 14.4% | -7.1% |
| Hispanic | 1.2% | N/A | N/A | | Hispanic | 1.2% | 14.5% | -13.3% |
| White | 88.7% | N/A | N/A | | White | 88.7% | 66.4% | 22.3% |
| Other | 2.8% | N/A | N/A | | Other | 2.8% | 4.6% | -1.8% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 21 | 10.1% | 10.9% | | NW | N/A | N/A | N/A |
| White | 180 | 89.9% | 89.1% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .857 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.020 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 47.4% | 10.5% | 36.8% | 5.3% | NW | 1 | N/A | |
| Hispanic | 66.7% | 0.0% | 33.3% | 0.0% | White | 2 | N/A | |
| White | 61.6% | 17.7% | 17.3% | 3.4% | | | | |
| Other | 57.1% | 42.9% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | | | | | |
| .345 not sig. | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DENNIS POLICE DEPARTMENT

| Total Citations ¹ : 885 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 6.3% | Citations per 1000 | |
| | Passing through: | 93.7% | 18 + residents: | 72.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 826) | | | | ITP Stops ³ (N = 354) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.46 | | | | 41.74 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.3% | | | | Female 36.6% | | | |
| Male 63.6% | | | | Male 63.1% | | | |
| Non-binary 0.1% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 0.7% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 12.9% | | | | AA/Black 14.0% | | | |
| Hispanic 1.3% | | | | Hispanic 0.6% | | | |
| White 85.6% | | | | White 85.4% | | | |
| Other 0.1% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.9% | 4.0% | 8.9% | AA/Black | 12.9% | 14.4% | -1.5% |
| Hispanic | 1.3% | 2.1% | -0.8% | Hispanic | 1.3% | 14.5% | -13.2% |
| White | 85.6% | 90.8% | -5.2% | White | 85.6% | 66.4% | 19.2% |
| Other | 0.1% | 2.9% | -2.8% | Other | 0.1% | 4.6% | -4.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 100 | 12.9% | 16.1% | NW | 42 | 14.3% | 9.5% |
| White | 634 | 87.1% | 83.9% | White | 272 | 85.7% | 90.5% |
| Chi-square, X-tab ⁶ : | | .290 | not sig. | Chi-square, X-tab ⁶ : | | .315 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .745 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.643 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 74.1% | 3.6% | 20.5% | 1.8% | NW | 0 | N/A |
| Hispanic | 27.3% | 18.2% | 45.5% | 9.1% | White | 4 | N/A |
| White | 75.8% | 4.0% | 14.6% | 5.6% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .013* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT DIGHTON POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|---------|-----------|--------|----------|----------|
| Total Citations ¹ : 270 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 23.3% | Citations per 1000 | | | | | | |
| | Passing through: | | 76.7% | 18 + residents: 42.1 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 245) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 35.6 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 38.8% | | | | Female N/A | | | | | | |
| Male 61.2% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 6.5% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 8.3% | | | | AA/Black N/A | | | | | | |
| Hispanic 3.1% | | | | Hispanic N/A | | | | | | |
| White 88.6% | | | White N/A | | | | | | | |
| Other 1.1% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 8.3% | 3.1% | 5.2% | | AA/Black | 8.3% | 14.4% | -6.1% | | |
| Hispanic | 3.1% | 0.4% | 2.7% | | Hispanic | 3.1% | 14.5% | -11.4% | | |
| White | 88.6% | 92.0% | -3.4% | | White | 88.6% | 66.4% | 22.2% | | |
| Other | 1.1% | 2.1% | -1.0% | | Other | 1.1% | 4.6% | -3.5% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | N/A | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | N/A | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 40.0% | 15.0% | 40.0% | 5.0% | NW | 0 | N/A | | | |
| Hispanic | 37.5% | 12.5% | 50.0% | 0.0% | White | 0 | N/A | | | |
| White | 51.8% | 19.5% | 26.1% | 2.7% | | | | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : .616 not sig. | | | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DOUGLAS POLICE DEPARTMENT

| Total Citations ¹ : 2,280 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 20.6% | Citations per 1000 | |
| | Passing through: | 79.4% | 18 + residents: | 330.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,216) | | | | ITP Stops ³ (N = 996) | | | |
|------------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.14 | | | | 35.19 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.6% | | | | Female 35.0% | | | |
| Male 62.3% | | | | Male 65.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| 2.3% | | | | 1.3% | | | |
| AA/Black 7.5% | | | | AA/Black 6.0% | | | |
| Hispanic 9.7% | | | | Hispanic 11.0% | | | |
| White 81.7% | | | | White 81.7% | | | |
| Other 1.1% | | | | Other 1.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.5% | 0.3% | 7.2% | AA/Black | 7.5% | 14.4% | -6.9% |
| Hispanic | 9.7% | 5.7% | 4.0% | Hispanic | 9.7% | 14.5% | -4.8% |
| White | 81.7% | 91.1% | -9.4% | White | 81.7% | 66.4% | 15.3% |
| Other | 1.1% | 3.0% | -1.9% | Other | 1.1% | 4.6% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|--|-------|--------------|--------------|---|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 381 | 16.6% | 20.7% | NW | 165 | 20.0% | 16.2% |
| White | 1,685 | 83.4% | 79.3% | White | 722 | 80.0% | 83.8% |
| Chi-square, X-tab ⁶ : .016* sig. | | | | Chi-square, X-tab ⁶ : .166 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .807 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.348 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 72.0% | 7.3% | 18.9% | 1.8% | NW | 0 | N/A |
| Hispanic | 55.9% | 8.0% | 31.0% | 5.2% | White | 3 | N/A |
| White | 79.7% | 5.7% | 11.7% | 2.8% | | | |
| Other | 80.0% | 8.0% | 12.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT DOVER POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|--------------|
| Total Citations ¹ : 256 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 15.9% | Citations per 1000 | | | | |
| | Passing through: | | 84.1% | 18 + residents: 67.8 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 226) | | | | ITP Stops ³ (N = 104) | | | | |
| Mean age | | | | Mean age | | | | |
| 36.5 | | | | 37.02 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 38.5% | | | | Female 34.6% | | | | |
| Male 61.5% | | | | Male 65.4% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 0.0% | | | | |
| AA/Black 7.1% | | | | AA/Black 7.7% | | | | |
| Hispanic 4.9% | | | | Hispanic 3.8% | | | | |
| White 83.6% | | | White 81.7% | | | | | |
| Other 4.4% | | | Other 6.7% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 7.1% | 0.0% | 7.1% | | AA/Black | 7.1% | 14.4% | -7.3% |
| Hispanic | 4.9% | 3.1% | 1.8% | | Hispanic | 4.9% | 14.5% | -9.6% |
| White | 83.6% | 84.8% | -1.2% | | White | 83.6% | 66.4% | 17.2% |
| Other | 4.4% | 12.4% | -8.0% | | Other | 4.4% | 4.6% | -0.2% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 34 | 14.7% | 18.6% | | NW | N/A | N/A | N/A |
| White | 181 | 85.3% | 81.4% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .484 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .641 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 75.0% | 18.8% | 6.3% | 0.0% | NW | 0 | N/A | |
| Hispanic | 41.7% | 0.0% | 58.3% | 0.0% | White | 0 | N/A | |
| White | 70.6% | 15.9% | 9.3% | 4.2% | | | | |
| Other | 90.9% | 9.1% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DRACUT POLICE DEPARTMENT

| Total Citations ¹ : 366 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 40.1% | Citations per 1000 | |
| | Passing through: | 59.9% | 18 + residents: | 14.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 312) | | | | ITP Stops ³ (N = 83) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.09 | | | | 35.83 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.9% | | | | Female 38.3% | | | |
| Male 59.1% | | | | Male 61.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ 3.6% | | | |
| AA/Black 9.6% | | | | AA/Black 8.8% | | | |
| Hispanic 17.5% | | | | Hispanic 21.3% | | | |
| White 68.9% | | | | White 65.0% | | | |
| Other 4.0% | | | | Other 5.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.6% | 4.5% | 5.1% | AA/Black | 9.6% | 14.4% | -4.8% |
| Hispanic | 17.5% | 6.6% | 10.9% | Hispanic | 17.5% | 14.5% | 3.0% |
| White | 68.9% | 83.4% | -14.5% | White | 68.9% | 66.4% | 2.5% |
| Other | 4.0% | 6.1% | -2.1% | Other | 4.0% | 4.6% | -0.6% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 85 | 30.8% | 30.8% | NW | 24 | 46.2% | 30.8% |
| White | 191 | 69.2% | 69.2% | White | 41 | 53.8% | 69.2% |
| Chi-square, X-tab ⁶ : .995 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .208 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : 1.014 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.968 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 63.9% | 16.7% | 16.7% | 2.8% | NW | 0 | N/A |
| Hispanic | 62.1% | 16.7% | 16.7% | 4.5% | White | 6 | N/A |
| White | 70.3% | 13.8% | 11.7% | 4.2% | | | |
| Other | 84.6% | 0.0% | 0.0% | 15.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .333 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DUDLEY POLICE DEPARTMENT

| Total Citations ¹ : 606 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 30.1% | Citations per 1000 | |
| | Passing through: | 69.9% | 18 + residents: | 64.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 567) | | | | ITP Stops ³ (N = 196) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.83 | | | | 34.74 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.8% | | | | Female 29.7% | | | |
| Male 64.2% | | | | Male 70.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.8% | | | | Race % Mis/Unk ⁴ 2.6% | | | |
| AA/Black 7.2% | | | | AA/Black 6.8% | | | |
| Hispanic 15.6% | | | | Hispanic 18.3% | | | |
| White 76.3% | | | | White 73.3% | | | |
| Other 0.9% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.2% | 2.0% | 5.2% | AA/Black | 7.2% | 14.4% | -7.2% |
| Hispanic | 15.6% | 3.6% | 12.0% | Hispanic | 15.6% | 14.5% | 1.1% |
| White | 76.3% | 88.4% | -12.1% | White | 76.3% | 66.4% | 9.9% |
| Other | 0.9% | 6.2% | -5.3% | Other | 0.9% | 4.6% | -3.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 125 | 20.3% | 30.2% | NW | 47 | 26.1% | 27.3% |
| White | 413 | 79.7% | 69.8% | White | 130 | 73.9% | 72.7% |
| Chi-square, X-tab ⁶ : | | .013 * | sig. | Chi-square, X-tab ⁶ : | | .867 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .631 * | sig. | Odds ratio Exp(B) ⁷ : | | 1.235 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 40.0% | 30.0% | 25.0% | 5.0% | NW | 4 | N/A |
| Hispanic | 35.1% | 34.0% | 26.6% | 4.3% | White | 2 | N/A |
| White | 51.2% | 28.4% | 11.6% | 8.8% | | | |
| Other | 40.0% | 60.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .002 * | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DUNSTABLE POLICE DEPARTMENT

| Total Citations ¹ : 512 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 5.9% | Citations per 1000 | |
| | Passing through: | 94.1% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 505) | | | | ITP Stops ³ (N = 230) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 33.94 | | | | 34.23 | | | |
| Gender % | | | | Gender % | | | |
| Female 28.3% | | | | Female 31.3% | | | |
| Male 71.7% | | | | Male 68.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 3.2% | | | | AA/Black 2.2% | | | |
| Hispanic 12.2% | | | | Hispanic 10.2% | | | |
| White 80.2% | | | | White 82.7% | | | |
| Other 4.4% | | | | Other 4.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.2% | N/A | N/A | AA/Black | 3.2% | 14.4% | -11.2% |
| Hispanic | 12.2% | N/A | N/A | Hispanic | 12.2% | 14.5% | -2.3% |
| White | 80.2% | N/A | N/A | White | 80.2% | 66.4% | 13.8% |
| Other | 4.4% | N/A | N/A | Other | 4.4% | 4.6% | -0.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 97 | 18.9% | 24.0% | NW | 37 | 17.2% | 19.6% |
| White | 381 | 81.1% | 76.0% | White | 170 | 82.8% | 80.4% |
| Chi-square, X-tab ⁶ : | | .217 | not sig. | Chi-square, X-tab ⁶ : | | .686 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .790 | not sig. | Odds ratio Exp(B) ⁷ : | | .835 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 18.8% | 25.0% | 56.3% | 0.0% | NW | 0 | N/A |
| Hispanic | 6.3% | 14.3% | 79.4% | 0.0% | White | 1 | N/A |
| White | 30.6% | 34.1% | 34.6% | 0.7% | | | |
| Other | 45.5% | 27.3% | 27.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT DUXBURY POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|----------------------|---|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 765 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 28.5% | Citations per 1000 | | | | |
| | Passing through: | | 71.5% | 18 + residents: 64.3 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 732) | | | | ITP Stops ³ (N = 213) | | | | |
| Mean age | | | | Mean age | | | | |
| 38.37 | | | | 36.11 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 35.6% | | | | Female 28.9% | | | | |
| Male 64.3% | | | | Male 70.6% | | | | |
| Non-binary 0.1% | | | | Non-binary 0.5% | | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ 1.4% | | | | |
| AA/Black 4.5% | | | | AA/Black 3.3% | | | | |
| Hispanic 2.5% | | | Hispanic 3.3% | | | | | |
| White 92.5% | | | White 93.3% | | | | | |
| Other 0.6% | | | Other 0.0% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 4.5% | 0.8% | 3.7% | | AA/Black | 4.5% | 14.4% | -9.9% |
| Hispanic | 2.5% | 0.9% | 1.6% | | Hispanic | 2.5% | 14.5% | -12.0% |
| White | 92.5% | 95.5% | -3.0% | | White | 92.5% | 66.4% | 26.1% |
| Other | 0.6% | 2.9% | -2.3% | | Other | 0.6% | 4.6% | -4.0% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 53 | 8.2% | 6.4% | | NW | N/A | N/A | N/A |
| White | 630 | 91.8% | 93.6% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .439 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.231 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 59.4% | 15.6% | 25.0% | 0.0% | NW | 0 | N/A | |
| Hispanic | 55.0% | 5.0% | 40.0% | 0.0% | White | 4 | N/A | |
| White | 70.8% | 14.3% | 12.7% | 2.2% | | | | |
| Other | 50.0% | 25.0% | 0.0% | 25.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .001* sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EAST BRIDGEWATER POLICE DEPARTMENT

| Total Citations ¹ : 2,000 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 16.8% | Citations per 1000 | |
| | Passing through: | 83.2% | 18 + residents: | 184.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,972) | | | | ITP Stops ³ (N = 657) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.39 | | | | 35.76 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.8% | | | | Female 32.8% | | | |
| Male 63.2% | | | | Male 67.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.6% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 17.1% | | | | AA/Black 14.9% | | | |
| Hispanic 4.2% | | | | Hispanic 5.3% | | | |
| White 77.6% | | | | White 79.1% | | | |
| Other 1.1% | | | | Other 0.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 17.1% | 3.9% | 13.2% | AA/Black | 17.1% | 14.4% | 2.7% |
| Hispanic | 4.2% | 2.1% | 2.1% | Hispanic | 4.2% | 14.5% | -10.3% |
| White | 77.6% | 88.0% | -10.4% | White | 77.6% | 66.4% | 11.2% |
| Other | 1.1% | 4.4% | -3.3% | Other | 1.1% | 4.6% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 406 | 21.1% | 24.8% | NW | 117 | 19.2% | 21.7% |
| White | 1,423 | 78.9% | 75.2% | White | 459 | 80.8% | 78.3% |
| Chi-square, X-tab ⁶ : .080 not sig. | | | | Chi-square, X-tab ⁶ : .451 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .764* sig. | | | | Odds ratio Exp(B) ⁷ : .527* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 65.6% | 13.6% | 17.5% | 3.3% | NW | 4 | N/A |
| Hispanic | 55.0% | 10.0% | 32.5% | 2.5% | White | 7 | N/A |
| White | 76.6% | 12.3% | 9.0% | 2.1% | | | |
| Other | 85.0% | 0.0% | 15.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT EAST BROOKFIELD POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|----------------------|---|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 957 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 8.5% | Citations per 1000 | | | | |
| | Passing through: | | 91.5% | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 938) | | | | ITP Stops ³ (N = 366) | | | | |
| Mean age | | | | Mean age | | | | |
| 38.94 | | | | 39.29 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 46.4% | | | | Female 47.0% | | | | |
| Male 53.4% | | | | Male 52.5% | | | | |
| Non-binary 0.2% | | | | Non-binary 0.5% | | | | |
| Race % Mis/Unk ⁴ 4.2% | | | | Race % Mis/Unk ⁴ 4.4% | | | | |
| AA/Black 3.3% | | | | AA/Black 1.7% | | | | |
| Hispanic 4.0% | | | Hispanic 4.3% | | | | | |
| White 92.1% | | | White 93.1% | | | | | |
| Other 0.6% | | | Other 0.9% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 3.3% | N/A | N/A | | AA/Black | 3.3% | 14.4% | -11.1% |
| Hispanic | 4.0% | N/A | N/A | | Hispanic | 4.0% | 14.5% | -10.5% |
| White | 92.1% | N/A | N/A | | White | 92.1% | 66.4% | 25.7% |
| Other | 0.6% | N/A | N/A | | Other | 0.6% | 4.6% | -4.0% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 68 | 7.0% | 10.7% | | NW | 21 | 7.2% | 6.0% |
| White | 788 | 93.0% | 89.3% | | White | 290 | 92.8% | 94.0% |
| Chi-square, X-tab ⁶ : | | .084 | not sig. | | Chi-square, X-tab ⁶ : | | .697 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .511* | sig. | | Odds ratio Exp(B) ⁷ : | | .386 | not sig. |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 78.1% | 0.0% | 6.3% | 15.6% | NW | 6 | N/A | |
| Hispanic | 65.8% | 13.2% | 10.5% | 10.5% | White | 28 | N/A | |
| White | 89.6% | 4.4% | 3.1% | 3.0% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .000* sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT EAST LONGMEADOW POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 233 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 26.9% | Citations per 1000 | | | | |
| | Passing through: | | 73.1% | 18 + residents: 18.4 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 201) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 37.1 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 37.6% | | | | Female N/A | | | | |
| Male 62.4% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 4.0% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 17.1% | | | AA/Black N/A | | | | | |
| Hispanic 1.6% | | | Hispanic N/A | | | | | |
| White 78.8% | | | White N/A | | | | | |
| Other 2.6% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 17.1% | 4.7% | 12.4% | | AA/Black | 17.1% | 14.4% | 2.7% |
| Hispanic | 1.6% | 3.9% | -2.3% | | Hispanic | 1.6% | 14.5% | -12.9% |
| White | 78.8% | 85.3% | -6.5% | | White | 78.8% | 66.4% | 12.4% |
| Other | 2.6% | 6.2% | -3.6% | | Other | 2.6% | 4.6% | -2.0% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 37 | 17.2% | 30.8% | | NW | N/A | N/A | N/A |
| White | 137 | 82.8% | 69.2% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .045* | sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .632 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 48.7% | 10.3% | 35.9% | 5.1% | NW | 2 | N/A | |
| Hispanic | 66.7% | 0.0% | 33.3% | 0.0% | White | 6 | N/A | |
| White | 61.2% | 12.4% | 19.1% | 7.3% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | | | | | |
| | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EASTHAM POLICE DEPARTMENT

| Total Citations ¹ : 978 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 10.5% | Citations per 1000 | |
| | Passing through: | 89.5% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 927) | | | | ITP Stops ³ (N = 376) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.85 | | | | 37.13 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.2% | | | | Female 35.1% | | | |
| Male 59.7% | | | | Male 64.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 7.4% | | | | AA/Black 8.1% | | | |
| Hispanic 4.1% | | | | Hispanic 5.4% | | | |
| White 85.2% | | | | White 81.5% | | | |
| Other 3.3% | | | | Other 5.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.4% | N/A | N/A | AA/Black | 7.4% | 14.4% | -7.0% |
| Hispanic | 4.1% | N/A | N/A | Hispanic | 4.1% | 14.5% | -10.4% |
| White | 85.2% | N/A | N/A | White | 85.2% | 66.4% | 18.8% |
| Other | 3.3% | N/A | N/A | Other | 3.3% | 4.6% | -1.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 131 | 13.6% | 21.5% | NW | 64 | 18.4% | 21.0% |
| White | 747 | 86.4% | 78.5% | White | 273 | 81.6% | 79.0% |
| Chi-square, X-tab ⁶ : .014* sig. | | | | Chi-square, X-tab ⁶ : .599 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .585* sig. | | | | Odds ratio Exp(B) ⁷ : .780 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 88.4% | 8.7% | 1.4% | 1.4% | NW | 0 | N/A |
| Hispanic | 75.0% | 5.0% | 17.5% | 2.5% | White | 0 | N/A |
| White | 84.7% | 7.5% | 3.6% | 4.2% | | | |
| Other | 96.8% | 3.2% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .002* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EASTHAMPTON POLICE DEPARTMENT

| Total Citations ¹ : 466 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 37.9% | Citations per 1000 | |
| | Passing through: | 62.1% | 18 + residents: | 34.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 425) | | | | ITP Stops ³ (N = 170) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.36 | | | | 34.23 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.6% | | | | Female 37.3% | | | |
| Male 58.4% | | | | Male 62.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.6% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 6.5% | | | | AA/Black 7.1% | | | |
| Hispanic 9.2% | | | | Hispanic 10.1% | | | |
| White 81.9% | | | | White 81.5% | | | |
| Other 2.4% | | | | Other 1.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.5% | 1.9% | 4.6% | AA/Black | 6.5% | 14.4% | -7.9% |
| Hispanic | 9.2% | 4.5% | 4.7% | Hispanic | 9.2% | 14.5% | -5.3% |
| White | 81.9% | 89.2% | -7.3% | White | 81.9% | 66.4% | 15.5% |
| Other | 2.4% | 5.0% | -2.6% | Other | 2.4% | 4.6% | -2.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 72 | 14.0% | 27.8% | NW | 28 | 14.6% | 24.2% |
| White | 319 | 86.0% | 72.2% | White | 120 | 85.4% | 75.8% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .138 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .464* sig. | | | | Odds ratio Exp(B) ⁷ : .393 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 34.5% | 24.1% | 34.5% | 6.9% | NW | 0 | N/A |
| Hispanic | 51.3% | 23.1% | 23.1% | 2.6% | White | 3 | N/A |
| White | 57.4% | 20.2% | 15.7% | 6.6% | | | |
| Other | 80.0% | 0.0% | 0.0% | 20.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .037* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EASTON POLICE DEPARTMENT

| Total Citations ¹ : 831 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|---------------|-----------------------------------|-------------|
| | Intown motorist: | 0.0% | Citations per 1000 | |
| | Passing through: | 100.0% | 18 + residents: | 41.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 617) | | | | ITP Stops ³ (N = 195) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.93 | | | | 36.45 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.2% | | | | Female 37.4% | | | |
| Male 59.8% | | | | Male 62.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 24.5% | | | | AA/Black 22.3% | | | |
| Hispanic 4.0% | | | | Hispanic 2.1% | | | |
| White 69.2% | | | | White 72.0% | | | |
| Other 2.3% | | | | Other 3.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 24.5% | 4.2% | 20.3% | AA/Black | 24.5% | 14.4% | 10.1% |
| Hispanic | 4.0% | 3.0% | 1.0% | Hispanic | 4.0% | 14.5% | -10.5% |
| White | 69.2% | 88.1% | -18.9% | White | 69.2% | 66.4% | 2.8% |
| Other | 2.3% | 3.8% | -1.5% | Other | 2.3% | 4.6% | -2.3% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 164 | 28.1% | 41.3% | NW | 46 | 30.4% | 16.7% |
| White | 370 | 71.9% | 58.7% | White | 119 | 69.6% | 83.3% |
| Chi-square, X-tab ⁶ : .009* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .130 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .555* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : 2.237 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 39.5% | 28.1% | 27.0% | 5.4% | NW | 3 | N/A |
| Hispanic | 25.8% | 38.7% | 32.3% | 3.2% | White | 11 | N/A |
| White | 43.6% | 35.7% | 15.3% | 5.3% | | | |
| Other | 68.8% | 25.0% | 0.0% | 6.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .003* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT EDGARTOWN POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|--------------|--------------|--|--------------|--------------|---------------|
| Total Citations ¹ : 149 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 28.3% | | | Citations per 1000 | | | |
| | Passing through: 71.7% | | | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 99) | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | Mean age | | | |
| 35.67 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 29.5% | | | | Female N/A | | | |
| Male 70.5% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 5.1% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 9.6% | | | | AA/Black N/A | | | |
| Hispanic 1.1% | | | | Hispanic N/A | | | |
| White 87.2% | | | | White N/A | | | |
| Other 2.1% | | | | Other N/A | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 9.6% | N/A | N/A | AA/Black | 9.6% | 14.4% | -4.8% |
| Hispanic | 1.1% | N/A | N/A | Hispanic | 1.1% | 14.5% | -13.4% |
| White | 87.2% | N/A | N/A | White | 87.2% | 66.4% | 20.8% |
| Other | 2.1% | N/A | N/A | Other | 2.1% | 4.6% | -2.5% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 33.3% | 33.3% | 22.2% | 11.1% | NW | 0 | N/A |
| Hispanic | 0.0% | 0.0% | 0.0% | 100.0% | White | 4 | N/A |
| White | 31.0% | 20.2% | 34.1% | 14.7% | | | |
| Other | 66.7% | 0.0% | 33.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .420 | | | | not sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT EGREMONT POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 355 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 12.0% | Citations per 1000 | | | | |
| | Passing through: | | 88.0% | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 350) | | | | ITP Stops ³ (N = 161) | | | | |
| Mean age | | | | Mean age | | | | |
| 36.71 | | | | 36.68 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 36.2% | | | | Female 35.2% | | | | |
| Male 63.5% | | | | Male 64.2% | | | | |
| Non-binary 0.3% | | | | Non-binary 0.6% | | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ 3.7% | | | | |
| AA/Black 2.1% | | | | AA/Black 2.6% | | | | |
| Hispanic 2.6% | | | | Hispanic 0.0% | | | | |
| White 95.3% | | | White 94.2% | | | | | |
| Other 0.0% | | | Other 3.2% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 2.1% | N/A | N/A | | AA/Black | 2.1% | 14.4% | -12.3% |
| Hispanic | 2.6% | N/A | N/A | | Hispanic | 2.6% | 14.5% | -11.9% |
| White | 95.3% | N/A | N/A | | White | 95.3% | 66.4% | 28.9% |
| Other | 0.0% | N/A | N/A | | Other | 0.0% | 4.6% | -4.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 15 | 3.8% | 6.0% | | NW | N/A | N/A | N/A |
| White | 294 | 96.3% | 94.0% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .349 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .499 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 14.3% | 57.1% | 14.3% | 14.3% | NW | 0 | N/A | |
| Hispanic | 0.0% | 0.0% | 0.0% | 0.0% | White | 0 | N/A | |
| White | 13.7% | 60.5% | 20.4% | 5.5% | | | | |
| Other | 0.0% | 88.9% | 0.0% | 11.1% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .454 | | not sig. | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ERVING POLICE DEPARTMENT

| Total Citations ¹ : 420 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 4.5% | Citations per 1000 | |
| | Passing through: | 95.5% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 402) | | | | ITP Stops ³ (N = 186) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.93 | | | | 38.59 | | | |
| Gender % | | | | Gender % | | | |
| Female 28.4% | | | | Female 26.3% | | | |
| Male 71.3% | | | | Male 73.7% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.0% | | | | Race % Mis/Unk ⁴ 2.2% | | | |
| AA/Black 9.2% | | | | AA/Black 7.1% | | | |
| Hispanic 9.5% | | | | Hispanic 6.0% | | | |
| White 79.2% | | | | White 83.0% | | | |
| Other 2.1% | | | | Other 3.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.2% | N/A | N/A | AA/Black | 9.2% | 14.4% | -5.2% |
| Hispanic | 9.5% | N/A | N/A | Hispanic | 9.5% | 14.5% | -5.0% |
| White | 79.2% | N/A | N/A | White | 79.2% | 66.4% | 12.8% |
| Other | 2.1% | N/A | N/A | Other | 2.1% | 4.6% | -2.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 75 | 20.8% | 22.1% | NW | 26 | 16.4% | 16.0% |
| White | 279 | 79.2% | 77.9% | White | 134 | 83.6% | 84.0% |
| Chi-square, X-tab ⁶ : | | .783 | not sig. | Chi-square, X-tab ⁶ : | | .954 | not sig. |
| Odds ratio Exp(B) ⁷ : | | 1.039 | not sig. | Odds ratio Exp(B) ⁷ : | | .930 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 41.7% | 30.6% | 22.2% | 5.6% | NW | 7 | N/A |
| Hispanic | 33.3% | 35.9% | 17.9% | 12.8% | White | 21 | N/A |
| White | 32.8% | 39.0% | 21.4% | 6.8% | | | |
| Other | 30.0% | 30.0% | 20.0% | 20.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .767 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ESSEX POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 304 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 15.5% | Citations per 1000 | | | | |
| | Passing through: | | 84.5% | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 291) | | | | ITP Stops ³ (N = 156) | | | | |
| Mean age | | | | Mean age | | | | |
| 40.53 | | | | 40.18 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 30.7% | | | | Female 28.2% | | | | |
| Male 69.0% | | | | Male 71.2% | | | | |
| Non-binary 0.3% | | | | Non-binary 0.6% | | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | Race % Mis/Unk ⁴ 0.6% | | | | |
| AA/Black 1.4% | | | | AA/Black 2.6% | | | | |
| Hispanic 3.9% | | | | Hispanic 3.9% | | | | |
| White 94.0% | | | White 92.9% | | | | | |
| Other 0.7% | | | Other 0.6% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 1.4% | N/A | N/A | | AA/Black | 1.4% | 14.4% | -13.0% |
| Hispanic | 3.9% | N/A | N/A | | Hispanic | 3.9% | 14.5% | -10.6% |
| White | 94.0% | N/A | N/A | | White | 94.0% | 66.4% | 27.6% |
| Other | 0.7% | N/A | N/A | | Other | 0.7% | 4.6% | -3.9% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 15 | 5.6% | 6.3% | | NW | N/A | N/A | N/A |
| White | 244 | 94.4% | 93.7% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .806 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .928 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 25.0% | 25.0% | 25.0% | 25.0% | NW | 0 | N/A | |
| Hispanic | 23.1% | 15.4% | 53.8% | 7.7% | White | 1 | N/A | |
| White | 48.9% | 33.1% | 12.9% | 5.0% | | | | |
| Other | 50.0% | 50.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : .011* sig. | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EVERETT POLICE DEPARTMENT

| Total Citations ¹ : 1,628 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 32.3% | Citations per 1000 | |
| | Passing through: | 67.7% | 18 + residents: | 45.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,506) | | | | ITP Stops ³ (N = 299) | | | |
|--|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.53 | | | | 36.54 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.6% | | | | Female 28.9% | | | |
| Male 66.4% | | | | Male 71.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 16.5% | | | | Race % Mis/Unk ⁴ 7.0% | | | |
| AA/Black 19.6% | | | | AA/Black 15.8% | | | |
| Hispanic 30.9% | | | | Hispanic 30.2% | | | |
| White 40.5% | | | | White 45.0% | | | |
| Other 9.0% | | | | Other 9.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 19.6% | 18.0% | 1.6% | AA/Black | 19.6% | 14.4% | 5.2% |
| Hispanic | 30.9% | 28.3% | 2.6% | Hispanic | 30.9% | 14.5% | 16.4% |
| White | 40.5% | 43.6% | -3.1% | White | 40.5% | 66.4% | -25.9% |
| Other | 9.0% | 14.0% | -5.0% | Other | 9.0% | 4.6% | 4.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 703 | 59.2% | 62.7% | NW | 136 | 53.5% | 55.1% |
| White | 473 | 40.8% | 37.3% | White | 115 | 46.5% | 44.9% |
| Chi-square, X-tab ⁶ : .346 not sig. | | | | Chi-square, X-tab ⁶ : .793 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .943 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.520 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 40.3% | 41.1% | 17.1% | 1.6% | NW | 16 | N/A |
| Hispanic | 43.9% | 27.9% | 23.9% | 4.2% | White | 10 | N/A |
| White | 48.6% | 32.4% | 16.4% | 2.6% | | | |
| Other | 73.7% | 22.8% | 3.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FAIRHAVEN POLICE DEPARTMENT

| Total Citations ¹ : 730 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 20.9% | Citations per 1000 | |
| | Passing through: | 79.1% | 18 + residents: | 55.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 657) | | | | ITP Stops ³ (N = 211) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.4 | | | | 33.98 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.7% | | | | Female 34.3% | | | |
| Male 63.3% | | | | Male 65.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | Race % Mis/Unk ⁴ 2.4% | | | |
| AA/Black 10.1% | | | | AA/Black 10.2% | | | |
| Hispanic 12.8% | | | | Hispanic 12.1% | | | |
| White 76.9% | | | | White 77.7% | | | |
| Other 0.2% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.1% | 0.7% | 9.4% | AA/Black | 10.1% | 14.4% | -4.3% |
| Hispanic | 12.8% | 2.0% | 10.8% | Hispanic | 12.8% | 14.5% | -1.7% |
| White | 76.9% | 90.6% | -13.7% | White | 76.9% | 66.4% | 10.5% |
| Other | 0.2% | 4.7% | -4.5% | Other | 0.2% | 4.6% | -4.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 145 | 23.9% | 23.1% | NW | 43 | 22.4% | 25.0% |
| White | 469 | 76.1% | 76.9% | White | 139 | 77.6% | 75.0% |
| Chi-square, X-tab ⁶ : .830 not sig. | | | | Chi-square, X-tab ⁶ : .686 not sig. | | | |
| Odds ratio Exp(B) ⁷ : 1.117 not sig. | | | | Odds ratio Exp(B) ⁷ : .965 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|---------------|--------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 30.9% | 7.4% | 50.0% | 11.8% | NW | 0 | N/A |
| Hispanic | 30.7% | 8.0% | 46.6% | 14.8% | White | 0 | N/A |
| White | 48.6% | 15.7% | 27.4% | 8.3% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FALL RIVER POLICE DEPARTMENT

| Total Citations ¹ : 4,006 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 66.7% | Citations per 1000 | |
| | Passing through: | 33.3% | 18 + residents: | 56.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,822) | | | | ITP Stops ³ (N = 684) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.3 | | | | 36.32 | | | |
| Gender % | | | | Gender % | | | |
| Female 46.7% | | | | Female 44.7% | | | |
| Male 53.2% | | | | Male 55.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 33.6% | | | | Race % Mis/Unk ⁴ 30.8% | | | |
| AA/Black 12.3% | | | | AA/Black 12.3% | | | |
| Hispanic 2.0% | | | | Hispanic 1.9% | | | |
| White 85.0% | | | | White 85.2% | | | |
| Other 0.7% | | | | Other 0.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.3% | 5.9% | 6.4% | AA/Black | 12.3% | 14.4% | -2.1% |
| Hispanic | 2.0% | 10.5% | -8.5% | Hispanic | 2.0% | 14.5% | -12.5% |
| White | 85.0% | 77.2% | 7.8% | White | 85.0% | 66.4% | 18.6% |
| Other | 0.7% | 6.4% | -5.7% | Other | 0.7% | 4.6% | -3.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 232 | 14.0% | 17.5% | NW | 59 | 12.9% | 14.9% |
| White | 1,347 | 86.0% | 82.5% | White | 370 | 87.1% | 85.1% |
| Chi-square, X-tab ⁶ : | | .126 | not sig. | Chi-square, X-tab ⁶ : | | .555 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .775 | not sig. | Odds ratio Exp(B) ⁷ : | | .522 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 51.9% | 31.5% | 14.6% | 2.0% | NW | 1 | N/A |
| Hispanic | 52.0% | 28.0% | 14.7% | 5.3% | White | 10 | N/A |
| White | 51.1% | 36.4% | 11.0% | 1.5% | | | |
| Other | 47.8% | 39.1% | 13.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .092 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FALMOUTH POLICE DEPARTMENT

| Total Citations ¹ : 1,395 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 12.5% | Citations per 1000 | |
| | Passing through: | 87.5% | 18 + residents: | 53 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,125) | | | | ITP Stops ³ (N = 313) | | | |
|------------------------------------|----------------------|-------------|--|----------------------------------|----------------------|-------------|--|
| Mean age | | | | Mean age | | | |
| 42.09 | | | | 39.33 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.2% | | | | Female 39.0% | | | |
| Male 59.8% | | | | Male 61.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % | Mis/Unk ⁴ | 1.5% | | Race % | Mis/Unk ⁴ | 1.6% | |
| AA/Black | 9.8% | | | AA/Black | 13.0% | | |
| Hispanic | 2.7% | | | Hispanic | 2.3% | | |
| White | 86.4% | | | White | 84.4% | | |
| Other | 1.1% | | | Other | 0.3% | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.8% | 2.0% | 7.8% | AA/Black | 9.8% | 14.4% | -4.6% |
| Hispanic | 2.7% | 2.5% | 0.2% | Hispanic | 2.7% | 14.5% | -11.8% |
| White | 86.4% | 88.8% | -2.4% | White | 86.4% | 66.4% | 20.0% |
| Other | 1.1% | 5.5% | -4.4% | Other | 1.1% | 4.6% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 134 | 10.5% | 20.0% | NW | 43 | 14.0% | 17.2% |
| White | 859 | 89.5% | 80.0% | White | 235 | 86.0% | 82.8% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .464 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .445* sig. | | | | Odds ratio Exp(B) ⁷ : .441 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 48.9% | 9.8% | 33.1% | 8.3% | NW | 3 | N/A |
| Hispanic | 39.4% | 6.1% | 51.5% | 3.0% | White | 15 | N/A |
| White | 68.9% | 7.9% | 16.6% | 6.6% | | | |
| Other | 53.8% | 23.1% | 7.7% | 15.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FITCHBURG POLICE DEPARTMENT

| Total Citations ¹ : 1,359 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 58.0% | Citations per 1000 | |
| | Passing through: | 42.0% | 18 + residents: | 43.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 679) | | | | ITP Stops ³ (N = 284) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.68 | | | | 35.96 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.7% | | | | Female 35.5% | | | |
| Male 66.0% | | | | Male 64.2% | | | |
| Non-binary 0.3% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 3.5% | | | | Race % Mis/Unk ⁴ 0.7% | | | |
| AA/Black 11.0% | | | | AA/Black 9.6% | | | |
| Hispanic 22.6% | | | | Hispanic 22.0% | | | |
| White 65.5% | | | | White 67.7% | | | |
| Other 0.9% | | | | Other 0.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.0% | 5.0% | 6.0% | AA/Black | 11.0% | 14.4% | -3.4% |
| Hispanic | 22.6% | 28.8% | -6.2% | Hispanic | 22.6% | 14.5% | 8.1% |
| White | 65.5% | 62.3% | 3.2% | White | 65.5% | 66.4% | -0.9% |
| Other | 0.9% | 7.5% | -6.6% | Other | 0.9% | 4.6% | -3.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 202 | 31.3% | 38.8% | NW | 81 | 32.5% | 30.5% |
| White | 383 | 68.7% | 61.2% | White | 176 | 67.5% | 69.5% |
| Chi-square, X-tab ⁶ : | | .061 | not sig. | Chi-square, X-tab ⁶ : | | .729 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .702 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.033 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 73.4% | 4.3% | 18.7% | 3.6% | NW | 11 | N/A |
| Hispanic | 70.9% | 4.6% | 22.8% | 1.8% | White | 13 | N/A |
| White | 82.2% | 3.4% | 12.6% | 1.8% | | | |
| Other | 90.9% | 9.1% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .002 * | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FOXBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 2,005 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 25.0% | Citations per 1000 | |
| | Passing through: | 75.0% | 18 + residents: | 139.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,882) | | | | ITP Stops ³ (N = 529) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.39 | | | | 38.69 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.8% | | | | Female 37.2% | | | |
| Male 64.2% | | | | Male 62.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.0% | | | | Race % Mis/Unk ⁴ 3.6% | | | |
| AA/Black 7.2% | | | | AA/Black 8.2% | | | |
| Hispanic 6.2% | | | | Hispanic 5.9% | | | |
| White 83.3% | | | | White 82.4% | | | |
| Other 3.3% | | | | Other 3.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.2% | 6.0% | 1.2% | AA/Black | 7.2% | 14.4% | -7.2% |
| Hispanic | 6.2% | 5.3% | 0.9% | Hispanic | 6.2% | 14.5% | -8.3% |
| White | 83.3% | 83.8% | -0.5% | White | 83.3% | 66.4% | 16.9% |
| Other | 3.3% | 6.9% | -3.6% | Other | 3.3% | 4.6% | -1.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 291 | 14.9% | 22.2% | NW | 78 | 17.4% | 16.9% |
| White | 1,458 | 85.1% | 77.8% | White | 375 | 82.6% | 83.1% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .898 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .587* sig. | | | | Odds ratio Exp(B) ⁷ : 1.018 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 78.1% | 2.1% | 16.4% | 3.4% | NW | 0 | N/A |
| Hispanic | 79.5% | 2.5% | 16.4% | 1.6% | White | 0 | N/A |
| White | 87.5% | 3.6% | 6.6% | 2.3% | | | |
| Other | 93.5% | 3.2% | 3.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FRAMINGHAM POLICE DEPARTMENT

| Total Citations ¹ : 5,391 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 46.0% | Citations per 1000 | |
| | Passing through: | 54.0% | 18 + residents: | 90.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,945) | | | | ITP Stops ³ (N = 607) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.32 | | | | 39.99 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.2% | | | | Female 37.6% | | | |
| Male 57.8% | | | | Male 62.2% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 3.7% | | | | Race % Mis/Unk ⁴ 3.1% | | | |
| AA/Black 9.7% | | | | AA/Black 9.5% | | | |
| Hispanic 8.6% | | | | Hispanic 9.5% | | | |
| White 77.0% | | | | White 77.9% | | | |
| Other 4.8% | | | | Other 3.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.7% | 7.3% | 2.4% | AA/Black | 9.7% | 14.4% | -4.7% |
| Hispanic | 8.6% | 16.1% | -7.5% | Hispanic | 8.6% | 14.5% | -5.9% |
| White | 77.0% | 63.0% | 14.0% | White | 77.0% | 66.4% | 10.6% |
| Other | 4.8% | 11.1% | -6.3% | Other | 4.8% | 4.6% | 0.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,058 | 23.4% | 21.6% | NW | 113 | 22.8% | 18.2% |
| White | 3,506 | 76.6% | 78.4% | White | 413 | 77.2% | 81.8% |
| Chi-square, X-tab ⁶ : .377 not sig. | | | | Chi-square, X-tab ⁶ : .236 not sig. | | | |
| Odds ratio Exp(B) ⁷ : 1.122 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.527 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 78.2% | 9.0% | 10.7% | 2.1% | NW | 0 | N/A |
| Hispanic | 60.5% | 14.9% | 22.8% | 1.8% | White | 9 | N/A |
| White | 73.9% | 11.3% | 13.2% | 1.6% | | | |
| Other | 78.0% | 18.2% | 2.5% | 1.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT FRANKLIN POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|--------------|------------|------------|
| Total Citations ¹ : 258 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 43.1% | Citations per 1000 | | | | | | |
| | Passing through: | | 56.9% | 18 + residents: 9.9 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 218) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 33.35 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 29.2% | | | | Female N/A | | | | | | |
| Male 70.8% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 10.6% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 4.6% | | | | AA/Black N/A | | | | | | |
| Hispanic 10.8% | | | | Hispanic N/A | | | | | | |
| White 80.5% | | | White N/A | | | | | | | |
| Other 4.1% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 4.6% | 0.9% | 3.7% | | AA/Black | 4.6% | 14.4% | -9.8% | | |
| Hispanic | 10.8% | 1.6% | 9.2% | | Hispanic | 10.8% | 14.5% | -3.7% | | |
| White | 80.5% | 89.2% | -8.7% | | White | 80.5% | 66.4% | 14.1% | | |
| Other | 4.1% | 8.3% | -4.2% | | Other | 4.1% | 4.6% | -0.5% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | | 37 | 19.9% | | 20.0% | NW | | N/A | N/A | N/A |
| White | | 149 | 80.1% | | 80.0% | White | | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .982 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | 1.013 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 41.7% | 8.3% | 50.0% | 0.0% | NW | 2 | N/A | | | |
| Hispanic | 3.8% | 11.5% | 76.9% | 7.7% | White | 3 | N/A | | | |
| White | 39.9% | 13.8% | 37.2% | 9.0% | | | | | | |
| Other | 25.0% | 37.5% | 12.5% | 25.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .002* sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT FREETOWN POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|---------------|------------|----------|
| Total Citations ¹ : 407 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 27.0% | Citations per 1000 | | | | | | |
| | Passing through: | | 73.0% | 18 + residents: 54.6 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 355) | | | | ITP Stops ³ (N = 101) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 34.95 | | | | 34.15 | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 38.2% | | | | Female 34.7% | | | | | | |
| Male 61.8% | | | | Male 65.3% | | | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 1.0% | | | | | | |
| AA/Black 8.5% | | | | AA/Black 8.0% | | | | | | |
| Hispanic 1.4% | | | | Hispanic 1.0% | | | | | | |
| White 90.0% | | | White 91.0% | | | | | | | |
| Other 0.0% | | | Other 0.0% | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 8.5% | 50.0% | -41.5% | | AA/Black | 8.5% | 14.4% | -5.9% | | |
| Hispanic | 1.4% | 3.0% | -1.6% | | Hispanic | 1.4% | 14.5% | -13.1% | | |
| White | 90.0% | 93.1% | -3.1% | | White | 90.0% | 66.4% | 23.6% | | |
| Other | 0.0% | 3.8% | -3.8% | | Other | 0.0% | 4.6% | -4.6% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | 30 | 9.4% | 11.8% | | | NW | N/A | N/A | N/A | |
| White | 276 | 90.6% | 88.2% | | | White | N/A | N/A | N/A | |
| Chi-square, X-tab ⁶ : | | .606 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | .932 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 31.4% | 14.3% | 54.3% | 0.0% | NW | 0 | N/A | | | |
| Hispanic | 0.0% | 0.0% | 100.0% | 0.0% | White | 2 | N/A | | | |
| White | 46.1% | 25.7% | 27.6% | 0.6% | | | | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .001* sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GARDNER POLICE DEPARTMENT

| Total Citations ¹ : 693 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 40.4% | Citations per 1000 | |
| | Passing through: | 59.6% | 18 + residents: | 41.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 604) | | | | ITP Stops ³ (N = 192) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.48 | | | | 34.64 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.3% | | | | Female 39.7% | | | |
| Male 61.7% | | | | Male 60.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.6% | | | | Race % Mis/Unk ⁴ 3.1% | | | |
| AA/Black 5.3% | | | | AA/Black 5.4% | | | |
| Hispanic 6.4% | | | | Hispanic 6.5% | | | |
| White 85.6% | | | | White 85.5% | | | |
| Other 2.7% | | | | Other 2.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.3% | 2.8% | 2.5% | AA/Black | 5.3% | 14.4% | -9.1% |
| Hispanic | 6.4% | 9.3% | -2.9% | Hispanic | 6.4% | 14.5% | -8.1% |
| White | 85.6% | 81.2% | 4.4% | White | 85.6% | 66.4% | 19.2% |
| Other | 2.7% | 7.5% | -4.8% | Other | 2.7% | 4.6% | -1.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 81 | 13.0% | 19.1% | NW | 25 | 14.7% | 15.3% |
| White | 452 | 87.0% | 80.9% | White | 142 | 85.3% | 84.7% |
| Chi-square, X-tab ⁶ : | | .061 | not sig. | Chi-square, X-tab ⁶ : | | .923 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .720 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.261 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 25.0% | 11.1% | 44.4% | 19.4% | NW | 0 | N/A |
| Hispanic | 32.6% | 13.0% | 28.3% | 26.1% | White | 7 | N/A |
| White | 44.5% | 21.5% | 23.8% | 10.2% | | | |
| Other | 31.3% | 50.0% | 12.5% | 6.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GEORGETOWN POLICE DEPARTMENT

| Total Citations ¹ : 765 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 22.8% | Citations per 1000 | |
| | Passing through: | 77.2% | 18 + residents: | 112.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 756) | | | | ITP Stops ³ (N = 204) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.33 | | | | 37.52 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.8% | | | | Female 32.8% | | | |
| Male 58.2% | | | | Male 67.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.0% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 5.6% | | | | AA/Black 4.9% | | | |
| Hispanic 9.8% | | | | Hispanic 5.9% | | | |
| White 81.7% | | | | White 86.8% | | | |
| Other 2.9% | | | | Other 2.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.6% | 0.8% | 4.8% | AA/Black | 5.6% | 14.4% | -8.8% |
| Hispanic | 9.8% | 3.5% | 6.3% | Hispanic | 9.8% | 14.5% | -4.7% |
| White | 81.7% | 93.2% | -11.5% | White | 81.7% | 66.4% | 15.3% |
| Other | 2.9% | 2.8% | 0.1% | Other | 2.9% | 4.6% | -1.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 133 | 9.3% | 25.8% | NW | 22 | 12.7% | 10.1% |
| White | 610 | 90.7% | 74.2% | White | 169 | 87.3% | 89.9% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .570 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .243* | sig. | Odds ratio Exp(B) ⁷ : | | 2.114 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 73.8% | 16.7% | 7.1% | 2.4% | NW | 0 | N/A |
| Hispanic | 74.7% | 8.0% | 12.0% | 5.3% | White | 1 | N/A |
| White | 83.5% | 10.9% | 4.2% | 1.4% | | | |
| Other | 86.4% | 13.6% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .026* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT GLOUCESTER POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|--------------------|--|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 776 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 65.8% | Citations per 1000 | | | | |
| | Passing through: | | 34.2% | 18 + residents: 30.5 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 688) | | | | ITP Stops ³ (N = 165) | | | | |
| Mean age | | | | Mean age | | | | |
| 42.13 | | | | 41.82 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 36.4% | | | | Female 37.8% | | | | |
| Male 63.6% | | | | Male 62.2% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 9.4% | | | | Race % Mis/Unk ⁴ 13.3% | | | | |
| AA/Black 2.2% | | | | AA/Black 1.4% | | | | |
| Hispanic 5.8% | | | | Hispanic 3.5% | | | | |
| White 91.2% | | | White 95.1% | | | | | |
| Other 0.8% | | | Other 0.0% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 2.2% | 1.7% | 0.5% | | AA/Black | 2.2% | 14.4% | -12.2% |
| Hispanic | 5.8% | 2.4% | 3.4% | | Hispanic | 5.8% | 14.5% | -8.7% |
| White | 91.2% | 91.9% | -0.7% | | White | 91.2% | 66.4% | 24.8% |
| Other | 0.8% | 4.2% | -3.4% | | Other | 0.8% | 4.6% | -3.8% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 54 | 7.9% | 13.2% | | NW | N/A | N/A | N/A |
| White | 536 | 92.1% | 86.8% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .060 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .586 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 47.4% | 5.3% | 31.6% | 15.8% | NW | 2 | N/A | |
| Hispanic | 17.5% | 5.0% | 60.0% | 17.5% | White | 6 | N/A | |
| White | 61.2% | 11.7% | 21.6% | 5.5% | | | | |
| Other | 60.0% | 0.0% | 40.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .000* sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GRAFTON POLICE DEPARTMENT

| Total Citations ¹ : 1,364 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 14.7% | Citations per 1000 | |
| | Passing through: | 85.3% | 18 + residents: | 95.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,310) | | | | ITP Stops ³ (N = 417) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.26 | | | | 38.29 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.4% | | | | Female 37.3% | | | |
| Male 58.6% | | | | Male 62.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 0.2% | | | |
| AA/Black 4.5% | | | | AA/Black 4.1% | | | |
| Hispanic 7.3% | | | | Hispanic 9.6% | | | |
| White 83.3% | | | | White 81.0% | | | |
| Other 4.9% | | | | Other 5.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.5% | 3.1% | 1.4% | AA/Black | 4.5% | 14.4% | -9.9% |
| Hispanic | 7.3% | 6.3% | 1.0% | Hispanic | 7.3% | 14.5% | -7.2% |
| White | 83.3% | 78.9% | 4.4% | White | 83.3% | 66.4% | 16.9% |
| Other | 4.9% | 11.7% | -6.8% | Other | 4.9% | 4.6% | 0.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 196 | 14.3% | 21.9% | NW | 60 | 14.5% | 20.9% |
| White | 1,030 | 85.7% | 78.1% | White | 288 | 85.5% | 79.1% |
| Chi-square, X-tab ⁶ : .003* sig. | | | | Chi-square, X-tab ⁶ : .116 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .597* sig. | | | | Odds ratio Exp(B) ⁷ : .741 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 72.1% | 4.9% | 16.4% | 6.6% | NW | 0 | N/A |
| Hispanic | 67.7% | 3.0% | 25.3% | 4.0% | White | 1 | N/A |
| White | 87.1% | 7.7% | 4.4% | 0.9% | | | |
| Other | 89.7% | 7.4% | 0.0% | 2.9% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GRANBY POLICE DEPARTMENT

| Total Citations ¹ : 777 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 9.2% | Citations per 1000 | |
| | Passing through: | 90.8% | 18 + residents: | 148.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 759) | | | | ITP Stops ³ (N = 395) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.09 | | | | 36.7 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.9% | | | | Female 37.8% | | | |
| Male 62.1% | | | | Male 62.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ 2.3% | | | |
| AA/Black 10.2% | | | | AA/Black 11.7% | | | |
| Hispanic 7.5% | | | | Hispanic 6.0% | | | |
| White 79.9% | | | | White 80.1% | | | |
| Other 2.4% | | | | Other 2.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.2% | 1.0% | 9.2% | AA/Black | 10.2% | 14.4% | -4.2% |
| Hispanic | 7.5% | 3.9% | 3.6% | Hispanic | 7.5% | 14.5% | -7.0% |
| White | 79.9% | 92.2% | -12.3% | White | 79.9% | 66.4% | 13.5% |
| Other | 2.4% | 2.1% | 0.3% | Other | 2.4% | 4.6% | -2.2% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 143 | 18.1% | 23.0% | NW | 73 | 21.0% | 19.6% |
| White | 558 | 81.9% | 77.0% | White | 288 | 79.0% | 80.4% |
| Chi-square, X-tab ⁶ : .111 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .741 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .619* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .876 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 77.9% | 11.7% | 9.1% | 1.3% | NW | 1 | N/A |
| Hispanic | 78.6% | 8.9% | 5.4% | 7.1% | White | 1 | N/A |
| White | 84.8% | 9.7% | 3.7% | 1.8% | | | |
| Other | 94.4% | 5.6% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .103 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GRANVILLE POLICE DEPARTMENT

| Total Citations ¹ : 338 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 21.4% | Citations per 1000 | |
| | Passing through: | 78.6% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 337) | | | | ITP Stops ³ (N = 211) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.35 | | | | 37.14 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.6% | | | | Female 31.1% | | | |
| Male 66.1% | | | | Male 68.9% | | | |
| Non-binary 0.3% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.6% | | | | Race % Mis/Unk ⁴ 5.2% | | | |
| AA/Black 5.0% | | | | AA/Black 4.5% | | | |
| Hispanic 4.1% | | | | Hispanic 4.0% | | | |
| White 90.6% | | | | White 91.5% | | | |
| Other 0.3% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.0% | N/A | N/A | AA/Black | 5.0% | 14.4% | -9.4% |
| Hispanic | 4.1% | N/A | N/A | Hispanic | 4.1% | 14.5% | -10.4% |
| White | 90.6% | N/A | N/A | White | 90.6% | 66.4% | 24.2% |
| Other | 0.3% | N/A | N/A | Other | 0.3% | 4.6% | -4.3% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 26 | 9.4% | 7.5% | NW | 14 | 8.0% | 7.1% |
| White | 272 | 90.6% | 92.5% | White | 170 | 92.0% | 92.9% |
| Chi-square, X-tab ⁶ : .592 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .827 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : 1.701 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .938 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|---------------|--------------|--------------|-------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 25.0% | 56.3% | 18.8% | 0.0% | NW | 2 | N/A |
| Hispanic | 30.8% | 38.5% | 30.8% | 0.0% | White | 10 | N/A |
| White | 29.8% | 56.4% | 13.1% | 0.7% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .699 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT GREAT BARRINGTON POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|----------|-----------|--------|----------|----------|
| Total Citations ¹ : 139 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 30.9% | Citations per 1000 | | | | | | |
| | Passing through: | | 69.1% | 18 + residents: N/A | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 123) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 42.7 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 36.1% | | | | Female N/A | | | | | | |
| Male 63.1% | | | | Male N/A | | | | | | |
| Non-binary 0.8% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 3.3% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 4.2% | | | | AA/Black N/A | | | | | | |
| Hispanic 8.4% | | | | Hispanic N/A | | | | | | |
| White 86.6% | | | White N/A | | | | | | | |
| Other 0.8% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 4.2% | 2.0% | 2.2% | | AA/Black | 4.2% | 14.4% | -10.2% | | |
| Hispanic | 8.4% | 3.5% | 4.9% | | Hispanic | 8.4% | 14.5% | -6.1% | | |
| White | 86.6% | 87.7% | -1.1% | | White | 86.6% | 66.4% | 20.2% | | |
| Other | 0.8% | 7.1% | -6.3% | | Other | 0.8% | 4.6% | -3.8% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | 16 | 11.1% | 21.9% | | NW | N/A | N/A | N/A | | |
| White | 97 | 88.9% | 78.1% | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | .139 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | .418 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 28.6% | 0.0% | 57.1% | 14.3% | NW | 0 | N/A | | | |
| Hispanic | 14.3% | 14.3% | 42.9% | 28.6% | White | 1 | N/A | | | |
| White | 47.8% | 19.5% | 25.7% | 7.1% | | | | | | |
| Other | 0.0% | 0.0% | 100.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .051 | | not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GREENFIELD POLICE DEPARTMENT

| Total Citations ¹ : 998 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 45.9% | Citations per 1000 | |
| | Passing through: | 54.1% | 18 + residents: | 70.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 823) | | | | ITP Stops ³ (N = 309) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.54 | | | | 40.22 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.8% | | | | Female 36.7% | | | |
| Male 57.0% | | | | Male 63.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 4.8% | | | | AA/Black 3.0% | | | |
| Hispanic 3.1% | | | | Hispanic 4.3% | | | |
| White 91.0% | | | | White 91.8% | | | |
| Other 1.1% | | | | Other 1.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.8% | 2.3% | 2.5% | AA/Black | 4.8% | 14.4% | -9.6% |
| Hispanic | 3.1% | 7.7% | -4.6% | Hispanic | 3.1% | 14.5% | -11.4% |
| White | 91.0% | 86.9% | 4.1% | White | 91.0% | 66.4% | 24.6% |
| Other | 1.1% | 3.9% | -2.8% | Other | 1.1% | 4.6% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 67 | 7.9% | 10.8% | NW | 22 | 5.9% | 10.8% |
| White | 678 | 92.1% | 89.2% | White | 244 | 94.1% | 89.2% |
| Chi-square, X-tab ⁶ : | | .172 | not sig. | Chi-square, X-tab ⁶ : | | .148 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .655 | not sig. | Odds ratio Exp(B) ⁷ : | | .367 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 68.9% | 4.4% | 22.2% | 4.4% | NW | 1 | N/A |
| Hispanic | 60.0% | 13.3% | 23.3% | 3.3% | White | 9 | N/A |
| White | 79.7% | 5.1% | 10.1% | 5.1% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .027* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GROTON POLICE DEPARTMENT

| Total Citations ¹ : 2,247 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 20.7% | Citations per 1000 | |
| | Passing through: | 79.3% | 18 + residents: | 258.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,222) | | | | ITP Stops ³ (N = 1,115) | | | |
|------------------------------------|--|--|--|------------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.17 | | | | 39.74 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.0% | | | | Female 37.7% | | | |
| Male 59.9% | | | | Male 62.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 2.6% | | | | AA/Black 2.4% | | | |
| Hispanic 4.4% | | | | Hispanic 4.7% | | | |
| White 88.8% | | | | White 89.4% | | | |
| Other 4.2% | | | | Other 3.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.6% | 0.2% | 2.4% | AA/Black | 2.6% | 14.4% | -11.8% |
| Hispanic | 4.4% | 1.4% | 3.0% | Hispanic | 4.4% | 14.5% | -10.1% |
| White | 88.8% | 91.0% | -2.2% | White | 88.8% | 66.4% | 22.4% |
| Other | 4.2% | 7.5% | -3.3% | Other | 4.2% | 4.6% | -0.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 234 | 10.7% | 13.3% | NW | 107 | 11.1% | 10.8% |
| White | 1,826 | 89.3% | 86.7% | White | 867 | 88.9% | 89.2% |
| Chi-square, X-tab ⁶ : .111 not sig. | | | | Chi-square, X-tab ⁶ : .905 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .746 not sig. | | | | Odds ratio Exp(B) ⁷ : .981 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 77.6% | 8.6% | 12.1% | 1.7% | NW | 0 | N/A |
| Hispanic | 70.8% | 8.3% | 19.8% | 1.0% | White | 0 | N/A |
| White | 84.8% | 10.4% | 4.0% | 0.8% | | | |
| Other | 78.5% | 14.0% | 5.4% | 2.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GROVELAND POLICE DEPARTMENT

| Total Citations ¹ : 413 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 13.2% | Citations per 1000 | |
| | Passing through: | 86.8% | 18 + residents: | 75.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 403) | | | | ITP Stops ³ (N = 160) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.28 | | | | 35.12 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.8% | | | | Female 30.4% | | | |
| Male 66.2% | | | | Male 69.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.7% | | | | Race % Mis/Unk ⁴ 5.0% | | | |
| AA/Black 3.9% | | | | AA/Black 2.6% | | | |
| Hispanic 14.3% | | | | Hispanic 16.4% | | | |
| White 80.7% | | | | White 80.3% | | | |
| Other 1.0% | | | | Other 0.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.9% | 0.0% | 3.9% | AA/Black | 3.9% | 14.4% | -10.5% |
| Hispanic | 14.3% | 3.2% | 11.1% | Hispanic | 14.3% | 14.5% | -0.2% |
| White | 80.7% | 95.9% | -15.2% | White | 80.7% | 66.4% | 14.3% |
| Other | 1.0% | 1.3% | -0.3% | Other | 1.0% | 4.6% | -3.6% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 70 | 17.0% | 24.7% | NW | 28 | 18.8% | 22.0% |
| White | 300 | 83.0% | 75.3% | White | 114 | 81.2% | 78.0% |
| Chi-square, X-tab ⁶ : .098 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .670 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .679 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.796 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 40.0% | 13.3% | 40.0% | 6.7% | NW | 1 | N/A |
| Hispanic | 39.7% | 24.1% | 36.2% | 0.0% | White | 0 | N/A |
| White | 45.4% | 32.2% | 19.9% | 2.5% | | | |
| Other | 75.0% | 0.0% | 25.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .081 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HADLEY POLICE DEPARTMENT

| Total Citations ¹ : 1,458 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 5.7% | Citations per 1000 | |
| | Passing through: | 94.3% | 18 + residents: | 325.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,380) | | | | ITP Stops ³ (N = 540) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 33.15 | | | | 34.51 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.0% | | | | Female 39.4% | | | |
| Male 60.9% | | | | Male 60.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.5% | | | | Race % Mis/Unk ⁴ 3.0% | | | |
| AA/Black 12.0% | | | | AA/Black 9.7% | | | |
| Hispanic 10.3% | | | | Hispanic 11.8% | | | |
| White 73.5% | | | | White 74.4% | | | |
| Other 4.2% | | | | Other 4.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.0% | 7.9% | 4.1% | AA/Black | 12.0% | 14.4% | -2.4% |
| Hispanic | 10.3% | 2.3% | 8.0% | Hispanic | 10.3% | 14.5% | -4.2% |
| White | 73.5% | 84.6% | -11.1% | White | 73.5% | 66.4% | 7.1% |
| Other | 4.2% | 5.7% | -1.5% | Other | 4.2% | 4.6% | -0.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 338 | 23.7% | 30.5% | NW | 125 | 28.6% | 23.7% |
| White | 900 | 76.3% | 69.5% | White | 345 | 71.4% | 76.3% |
| Chi-square, X-tab ⁶ : .007* sig. | | | | Chi-square, X-tab ⁶ : .235 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .650* sig. | | | | Odds ratio Exp(B) ⁷ : .966 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 56.0% | 17.5% | 18.7% | 7.8% | NW | 13 | N/A |
| Hispanic | 44.6% | 20.3% | 25.7% | 9.5% | White | 11 | N/A |
| White | 61.6% | 19.7% | 12.9% | 5.8% | | | |
| Other | 63.3% | 20.0% | 11.7% | 5.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HALIFAX POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------------|----------|----------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 114 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: 22.1% | | | Citations per 1000 | | | | |
| | Passing through: 77.9% | | | 18 + residents: 18.3 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 95) | | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | | Mean age | | | |
| 34 | | | | | N/A | | | |
| Gender % | | | | | Gender % | | | |
| Female 26.3% | | | | | Female N/A | | | |
| Male 73.7% | | | | | Male N/A | | | |
| Non-binary 0.0% | | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 3.3% | | | | | AA/Black N/A | | | |
| Hispanic 6.5% | | | | | Hispanic N/A | | | |
| White 89.1% | | | | White N/A | | | | |
| Other 1.1% | | | | Other N/A | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 3.3% | 2.3% | 1.0% | | AA/Black | 3.3% | 14.4% | -11.1% |
| Hispanic | 6.5% | 0.7% | 5.8% | | Hispanic | 6.5% | 14.5% | -8.0% |
| White | 89.1% | 96.2% | -7.1% | | White | 89.1% | 66.4% | 22.7% |
| Other | 1.1% | 0.9% | 0.2% | | Other | 1.1% | 4.6% | -3.5% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 40.0% | 0.0% | 40.0% | 20.0% | NW | 2 | N/A | |
| Hispanic | 33.3% | 33.3% | 33.3% | 0.0% | White | 26 | N/A | |
| White | 48.5% | 25.3% | 25.3% | 1.0% | | | | |
| Other | 0.0% | 0.0% | 100.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .101 not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HAMILTON POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 246 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 0.9% | Citations per 1000 | | | | | | |
| | Passing through: | | 99.1% | 18 + residents: 41.2 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 233) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 38.24 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 37.0% | | | | Female N/A | | | | | | |
| Male 63.0% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 2.1% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 3.5% | | | | AA/Black N/A | | | | | | |
| Hispanic 7.9% | | | | Hispanic N/A | | | | | | |
| White 85.5% | | | White N/A | | | | | | | |
| Other 3.1% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 3.5% | 0.3% | 3.2% | | AA/Black | 3.5% | 14.4% | -10.9% | | |
| Hispanic | 7.9% | 1.5% | 6.4% | | Hispanic | 7.9% | 14.5% | -6.6% | | |
| White | 85.5% | 91.0% | -5.5% | | White | 85.5% | 66.4% | 19.1% | | |
| Other | 3.1% | 7.3% | -4.2% | | Other | 3.1% | 4.6% | -1.5% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | 33 | 15.8% | 14.3% | | NW | N/A | N/A | N/A | | |
| White | 180 | 84.2% | 85.7% | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | .809 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | 1.344 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 75.0% | 0.0% | 25.0% | 0.0% | NW | 0 | N/A | | | |
| Hispanic | 35.0% | 15.0% | 45.0% | 5.0% | White | 2 | N/A | | | |
| White | 72.3% | 12.1% | 15.5% | 0.0% | | | | | | |
| Other | 85.7% | 0.0% | 14.3% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .002* sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HAMPDEN POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 249 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 22.6% | Citations per 1000 | | | | |
| | Passing through: | | 77.4% | 18 + residents: 57.6 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 234) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 33.12 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 41.6% | | | | Female N/A | | | | |
| Male 58.4% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 3.0% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 4.8% | | | | AA/Black N/A | | | | |
| Hispanic 3.5% | | | | Hispanic N/A | | | | |
| White 91.2% | | | White N/A | | | | | |
| Other 0.4% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 4.8% | 0.2% | 4.6% | | AA/Black | 4.8% | 14.4% | -9.6% |
| Hispanic | 3.5% | 3.7% | -0.2% | | Hispanic | 3.5% | 14.5% | -11.0% |
| White | 91.2% | 93.9% | -2.7% | | White | 91.2% | 66.4% | 24.8% |
| Other | 0.4% | 5.5% | -5.1% | | Other | 0.4% | 4.6% | -4.2% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 50.0% | 21.4% | 28.6% | 0.0% | NW | 2 | N/A | |
| Hispanic | 60.0% | 40.0% | 0.0% | 0.0% | White | 10 | N/A | |
| White | 75.5% | 13.4% | 9.3% | 1.9% | | | | |
| Other | 50.0% | 50.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : .101 | | | | not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HANOVER POLICE DEPARTMENT

| Total Citations ¹ : 928 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 20.2% | Citations per 1000 | |
| | Passing through: | 79.8% | 18 + residents: | 86.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 828) | | | | ITP Stops ³ (N = 289) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.28 | | | | 36.51 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.9% | | | | Female 29.8% | | | |
| Male 65.1% | | | | Male 70.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.8% | | | | Race % Mis/Unk ⁴ 3.5% | | | |
| AA/Black 7.1% | | | | AA/Black 7.2% | | | |
| Hispanic 4.7% | | | | Hispanic 4.3% | | | |
| White 86.8% | | | | White 87.1% | | | |
| Other 1.4% | | | | Other 1.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.1% | 1.0% | 6.1% | AA/Black | 7.1% | 14.4% | -7.3% |
| Hispanic | 4.7% | 0.6% | 4.1% | Hispanic | 4.7% | 14.5% | -9.8% |
| White | 86.8% | 96.5% | -9.7% | White | 86.8% | 66.4% | 20.4% |
| Other | 1.4% | 1.2% | 0.2% | Other | 1.4% | 4.6% | -3.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 99 | 11.8% | 16.4% | NW | 32 | 11.2% | 16.7% |
| White | 657 | 88.2% | 83.6% | White | 216 | 88.8% | 83.3% |
| Chi-square, X-tab ⁶ : | | .088 | not sig. | Chi-square, X-tab ⁶ : | | .231 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .770 | not sig. | Odds ratio Exp(B) ⁷ : | | .676 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 40.0% | 24.6% | 29.2% | 6.2% | NW | 7 | N/A |
| Hispanic | 28.6% | 23.8% | 42.9% | 4.8% | White | 20 | N/A |
| White | 59.3% | 29.5% | 8.3% | 2.9% | | | |
| Other | 54.5% | 27.3% | 9.1% | 9.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HANSON POLICE DEPARTMENT

| Total Citations ¹ : 452 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 20.1% | Citations per 1000 | |
| | Passing through: | 79.9% | 18 + residents: | 51.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 423) | | | | ITP Stops ³ (N = 206) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.81 | | | | 37.71 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.4% | | | | Female 33.5% | | | |
| Male 62.1% | | | | Male 65.5% | | | |
| Non-binary 0.5% | | | | Non-binary 1.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 9.8% | | | | AA/Black 8.8% | | | |
| Hispanic 6.7% | | | | Hispanic 7.8% | | | |
| White 83.0% | | | | White 83.3% | | | |
| Other 0.5% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.8% | 0.3% | 9.5% | AA/Black | 9.8% | 14.4% | -4.6% |
| Hispanic | 6.7% | 0.9% | 5.8% | Hispanic | 6.7% | 14.5% | -7.8% |
| White | 83.0% | 93.3% | -10.3% | White | 83.0% | 66.4% | 16.6% |
| Other | 0.5% | 4.8% | -4.3% | Other | 0.5% | 4.6% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 67 | 12.7% | 22.1% | NW | 31 | 14.5% | 17.9% |
| White | 333 | 87.3% | 77.9% | White | 163 | 85.5% | 82.1% |
| Chi-square, X-tab ⁶ : .013* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .533 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .575 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .576 <i>not sig.</i> | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 64.3% | 14.3% | 19.0% | 2.4% | NW | 1 | N/A |
| Hispanic | 65.5% | 6.9% | 24.1% | 3.4% | White | 2 | N/A |
| White | 69.9% | 11.0% | 13.7% | 5.4% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .806 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HARDWICK POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------------|---------------|--------------|-----------------------------------|--|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 244 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: 22.1% | | | Citations per 1000 | | | | | | |
| | Passing through: 77.9% | | | 18 + residents: N/A | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 231) | | | | | ITP Stops ³ (N = N/A) | | | | | |
| Mean age | | | | | Mean age | | | | | |
| 38.53 | | | | | N/A | | | | | |
| Gender % | | | | | Gender % | | | | | |
| Female 36.4% | | | | | Female N/A | | | | | |
| Male 63.5% | | | | | Male N/A | | | | | |
| Non-binary 0.0% | | | | | Non-binary N/A | | | | | |
| Race % Mis/Unk ⁴ 0.4% | | | | | Race % Mis/Unk ⁴ N/A | | | | | |
| AA/Black 3.0% | | | | | AA/Black N/A | | | | | |
| Hispanic 3.5% | | | | | Hispanic N/A | | | | | |
| White 93.0% | | | | White N/A | | | | | | |
| Other 0.4% | | | | Other N/A | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 3.0% | N/A | N/A | | AA/Black | 3.0% | 14.4% | -11.4% | | |
| Hispanic | 3.5% | N/A | N/A | | Hispanic | 3.5% | 14.5% | -11.0% | | |
| White | 93.0% | N/A | N/A | | White | 93.0% | 66.4% | 26.6% | | |
| Other | 0.4% | N/A | N/A | | Other | 0.4% | 4.6% | -4.2% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 50.0% | 0.0% | 25.0% | 25.0% | NW | 0 | N/A | | | |
| Hispanic | 50.0% | 37.5% | 12.5% | 0.0% | White | 10 | N/A | | | |
| White | 64.2% | 18.6% | 13.7% | 3.5% | | | | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : .042* sig. | | | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HARVARD POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 137 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 16.1% | Citations per 1000 | | | | |
| | Passing through: | | 83.9% | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 118) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 39.83 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 34.2% | | | | Female N/A | | | | |
| Male 65.8% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 4.2% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 4.4% | | | | AA/Black N/A | | | | |
| Hispanic 12.4% | | | | Hispanic N/A | | | | |
| White 78.8% | | | White N/A | | | | | |
| Other 4.4% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 4.4% | N/A | N/A | | AA/Black | 4.4% | 14.4% | -10.0% |
| Hispanic | 12.4% | N/A | N/A | | Hispanic | 12.4% | 14.5% | -2.1% |
| White | 78.8% | N/A | N/A | | White | 78.8% | 66.4% | 12.4% |
| Other | 4.4% | N/A | N/A | | Other | 4.4% | 4.6% | -0.2% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 22 | 19.7% | 22.7% | | NW | N/A | N/A | N/A |
| White | 83 | 80.3% | 77.3% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .704 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .692 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 100.0% | 0.0% | 0.0% | 0.0% | NW | 1 | N/A | |
| Hispanic | 50.0% | 35.7% | 0.0% | 14.3% | White | 4 | N/A | |
| White | 64.5% | 23.4% | 10.3% | 1.9% | | | | |
| Other | 66.7% | 33.3% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .168 | | not sig. | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HARWICH POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|----------|---------------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 330 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 27.2% | Citations per 1000 | | | | |
| | Passing through: | | 72.8% | 18 + residents: 31.6 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 283) | | | | ITP Stops ³ (N = 109) | | | | |
| Mean age | | | | Mean age | | | | |
| 36.76 | | | | 36.26 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 33.5% | | | | Female 30.5% | | | | |
| Male 66.5% | | | | Male 69.5% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 3.9% | | | | Race % Mis/Unk ⁴ 3.7% | | | | |
| AA/Black 12.1% | | | | AA/Black 10.5% | | | | |
| Hispanic 1.5% | | | Hispanic 1.0% | | | | | |
| White 85.7% | | | White 86.7% | | | | | |
| Other 0.7% | | | Other 1.9% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 12.1% | 3.2% | 8.9% | | AA/Black | 12.1% | 14.4% | -2.3% |
| Hispanic | 1.5% | 2.2% | -0.7% | | Hispanic | 1.5% | 14.5% | -13.0% |
| White | 85.7% | 91.8% | -6.1% | | White | 85.7% | 66.4% | 19.3% |
| Other | 0.7% | 2.0% | -1.3% | | Other | 0.7% | 4.6% | -3.9% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 34 | 11.2% | 17.6% | | NW | N/A | N/A | N/A |
| White | 221 | 88.8% | 82.4% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .152 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .514 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 43.2% | 21.6% | 21.6% | 13.5% | NW | 0 | N/A | |
| Hispanic | 40.0% | 0.0% | 60.0% | 0.0% | White | 6 | N/A | |
| White | 61.3% | 6.6% | 27.4% | 4.7% | | | | |
| Other | 33.3% | 33.3% | 33.3% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .012* sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HATFIELD POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|--------------|
| Total Citations ¹ : 138 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 18.3% | Citations per 1000 | | | | |
| | Passing through: | | 81.7% | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 131) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 38.46 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 36.2% | | | | Female N/A | | | | |
| Male 63.8% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 0.8% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 5.4% | | | | AA/Black N/A | | | | |
| Hispanic 12.3% | | | | Hispanic N/A | | | | |
| White 81.5% | | | White N/A | | | | | |
| Other 0.8% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 5.4% | N/A | N/A | | AA/Black | 5.4% | 14.4% | -9.0% |
| Hispanic | 12.3% | N/A | N/A | | Hispanic | 12.3% | 14.5% | -2.2% |
| White | 81.5% | N/A | N/A | | White | 81.5% | 66.4% | 15.1% |
| Other | 0.8% | N/A | N/A | | Other | 0.8% | 4.6% | -3.8% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 22 | 18.4% | 18.2% | | NW | N/A | N/A | N/A |
| White | 98 | 81.6% | 81.8% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .979 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.335 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 57.1% | 0.0% | 42.9% | 0.0% | NW | 0 | N/A | |
| Hispanic | 55.6% | 11.1% | 33.3% | 0.0% | White | 1 | N/A | |
| White | 74.8% | 18.9% | 3.6% | 2.7% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | | | | | |
| .001* sig. | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HAVERHILL POLICE DEPARTMENT

| Total Citations ¹ : 5,210 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 55.9% | Citations per 1000 | |
| | Passing through: | 44.1% | 18 + residents: | 105.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,937) | | | | ITP Stops ³ (N = 2,243) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.58 | | | | 36.4 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.8% | | | | Female 35.9% | | | |
| Male 64.1% | | | | Male 63.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.8% | | | | Race % Mis/Unk ⁴ 1.6% | | | |
| AA/Black 5.6% | | | | AA/Black 4.8% | | | |
| Hispanic 22.3% | | | | Hispanic 21.2% | | | |
| White 71.2% | | | | White 73.0% | | | |
| Other 1.0% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.6% | 3.6% | 2.0% | AA/Black | 5.6% | 14.4% | -8.8% |
| Hispanic | 22.3% | 23.2% | -0.9% | Hispanic | 22.3% | 14.5% | 7.8% |
| White | 71.2% | 69.7% | 1.5% | White | 71.2% | 66.4% | 4.8% |
| Other | 1.0% | 6.2% | -5.2% | Other | 1.0% | 4.6% | -3.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,286 | 25.1% | 34.6% | NW | 531 | 22.3% | 32.8% |
| White | 3,173 | 74.9% | 65.4% | White | 1,474 | 77.7% | 67.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .630* sig. | | | | Odds ratio Exp(B) ⁷ : .505* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 59.3% | 17.2% | 19.6% | 3.9% | NW | 4 | N/A |
| Hispanic | 61.2% | 13.7% | 21.2% | 3.8% | White | 13 | N/A |
| White | 58.7% | 25.4% | 13.3% | 2.6% | | | |
| Other | 68.1% | 19.1% | 8.5% | 4.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HINGHAM POLICE DEPARTMENT

| Total Citations ¹ : 3,307 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 26.2% | Citations per 1000 | |
| | Passing through: | 73.8% | 18 + residents: | 181.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,180) | | | | ITP Stops ³ (N = 1,056) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.21 | | | | 40.2 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.4% | | | | Female 42.1% | | | |
| Male 58.6% | | | | Male 57.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.1% | | | | Race % Mis/Unk ⁴ 3.0% | | | |
| AA/Black 4.7% | | | | AA/Black 4.8% | | | |
| Hispanic 3.2% | | | | Hispanic 3.4% | | | |
| White 89.5% | | | | White 89.0% | | | |
| Other 2.6% | | | | Other 2.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.7% | 0.5% | 4.2% | AA/Black | 4.7% | 14.4% | -9.7% |
| Hispanic | 3.2% | 1.1% | 2.1% | Hispanic | 3.2% | 14.5% | -11.3% |
| White | 89.5% | 95.2% | -5.7% | White | 89.5% | 66.4% | 23.1% |
| Other | 2.6% | 3.3% | -0.7% | Other | 2.6% | 4.6% | -2.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 313 | 9.0% | 15.0% | NW | 101 | 9.8% | 13.7% |
| White | 2,683 | 91.0% | 85.0% | White | 811 | 90.2% | 86.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .081 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .561* sig. | | | | Odds ratio Exp(B) ⁷ : .633 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 78.7% | 7.1% | 11.0% | 3.2% | NW | 0 | N/A |
| Hispanic | 76.7% | 6.0% | 16.4% | 0.9% | White | 2 | N/A |
| White | 86.8% | 9.5% | 2.9% | 0.8% | | | |
| Other | 87.1% | 8.2% | 3.5% | 1.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HOLBROOK POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|----------|-----------|-------|----------|----------|
| Total Citations ¹ : 258 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 24.5% | Citations per 1000 | | | | | | |
| | Passing through: | | 75.5% | 18 + residents: 39.6 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 299) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 43 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 31.9% | | | | Female N/A | | | | | | |
| Male 68.1% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 0.3% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 28.2% | | | | AA/Black N/A | | | | | | |
| Hispanic 10.4% | | | Hispanic N/A | | | | | | | |
| White 57.7% | | | White N/A | | | | | | | |
| Other 3.7% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 28.2% | 16.8% | N/A | | AA/Black | 28.2% | 14.4% | 13.8% | | |
| Hispanic | 10.4% | 6.7% | N/A | | Hispanic | 10.4% | 14.5% | -4.1% | | |
| White | 57.7% | 72.1% | N/A | | White | 57.7% | 66.4% | -8.7% | | |
| Other | 3.7% | 7.0% | N/A | | Other | 3.7% | 4.6% | -0.9% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | | 120 | 38.1% | | 50.6% | NW | | N/A | N/A | N/A |
| White | | 167 | 61.9% | | 49.4% | White | | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .051 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | .717 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 63.7% | 6.9% | 25.5% | 3.9% | NW | 0 | N/A | | | |
| Hispanic | 62.5% | 2.5% | 32.5% | 2.5% | White | 8 | N/A | | | |
| White | 70.0% | 5.5% | 18.0% | 6.5% | | | | | | |
| Other | 69.2% | 0.0% | 30.8% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .440 | | not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HOLDEN POLICE DEPARTMENT

| Total Citations ¹ : 3,029 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 25.2% | Citations per 1000 | |
| | Passing through: | 74.8% | 18 + residents: | 205.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,014) | | | | ITP Stops ³ (N = 979) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.91 | | | | 39.8 | | | |
| Gender % | | | | Gender % | | | |
| Female 45.0% | | | | Female 42.5% | | | |
| Male 55.0% | | | | Male 57.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 2.9% | | | |
| AA/Black 5.2% | | | | AA/Black 4.7% | | | |
| Hispanic 5.2% | | | | Hispanic 4.8% | | | |
| White 87.9% | | | | White 89.1% | | | |
| Other 1.7% | | | | Other 1.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.2% | 0.9% | 4.3% | AA/Black | 5.2% | 14.4% | -9.2% |
| Hispanic | 5.2% | 4.3% | 0.9% | Hispanic | 5.2% | 14.5% | -9.3% |
| White | 87.9% | 91.5% | -3.6% | White | 87.9% | 66.4% | 21.5% |
| Other | 1.7% | 3.8% | -2.1% | Other | 1.7% | 4.6% | -2.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 341 | 10.9% | 16.0% | NW | 97 | 9.9% | 14.2% |
| White | 2,486 | 89.1% | 84.0% | White | 770 | 90.1% | 85.8% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .068 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .659* sig. | | | | Odds ratio Exp(B) ⁷ : .472* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 87.7% | 5.8% | 5.8% | 0.6% | NW | 0 | N/A |
| Hispanic | 90.8% | 6.6% | 2.6% | 0.0% | White | 0 | N/A |
| White | 87.8% | 10.4% | 1.2% | 0.6% | | | |
| Other | 90.2% | 7.8% | 2.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HOLLAND POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|--------------|--------------|--|--------------|--------------|---------------|
| Total Citations ¹ : 199 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 39.7% | | | Citations per 1000 | | | |
| | Passing through: 60.3% | | | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 199) | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | Mean age | | | |
| 40.03 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 37.1% | | | | Female N/A | | | |
| Male 62.9% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 1.5% | | | | AA/Black N/A | | | |
| Hispanic 3.6% | | | | Hispanic N/A | | | |
| White 90.8% | | | | White N/A | | | |
| Other 4.1% | | | | Other N/A | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 1.5% | N/A | N/A | AA/Black | 1.5% | 14.4% | -12.9% |
| Hispanic | 3.6% | N/A | N/A | Hispanic | 3.6% | 14.5% | -10.9% |
| White | 90.8% | N/A | N/A | White | 90.8% | 66.4% | 24.4% |
| Other | 4.1% | N/A | N/A | Other | 4.1% | 4.6% | -0.5% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 66.7% | 0.0% | 33.3% | 0.0% | NW | 0 | N/A |
| Hispanic | 71.4% | 28.6% | 0.0% | 0.0% | White | 0 | N/A |
| White | 72.5% | 22.5% | 5.1% | 0.0% | | | |
| Other | 37.5% | 50.0% | 12.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .131 | | | | not sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HOLLISTON POLICE DEPARTMENT

| Total Citations ¹ : 2,051 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 19.5% | Citations per 1000 | |
| | Passing through: | 80.5% | 18 + residents: | 184.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,020) | | | | ITP Stops ³ (N = 1,102) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.26 | | | | 38.41 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.3% | | | | Female 35.6% | | | |
| Male 63.7% | | | | Male 64.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ 3.7% | | | |
| AA/Black 6.7% | | | | AA/Black 6.6% | | | |
| Hispanic 7.1% | | | | Hispanic 6.5% | | | |
| White 84.2% | | | | White 85.0% | | | |
| Other 2.0% | | | | Other 1.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.7% | 1.2% | 5.5% | AA/Black | 6.7% | 14.4% | -7.7% |
| Hispanic | 7.1% | 3.9% | 3.2% | Hispanic | 7.1% | 14.5% | -7.4% |
| White | 84.2% | 87.4% | -3.2% | White | 84.2% | 66.4% | 17.8% |
| Other | 2.0% | 7.8% | -5.8% | Other | 2.0% | 4.6% | -2.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 292 | 14.4% | 18.7% | NW | 141 | 14.1% | 16.3% |
| White | 1,557 | 85.6% | 81.3% | White | 808 | 85.9% | 83.7% |
| Chi-square, X-tab ⁶ : .018* sig. | | | | Chi-square, X-tab ⁶ : .347 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .860 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.487 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 72.7% | 14.4% | 11.4% | 1.5% | NW | 1 | N/A |
| Hispanic | 45.1% | 12.5% | 36.8% | 5.6% | White | 2 | N/A |
| White | 80.5% | 8.2% | 9.5% | 1.7% | | | |
| Other | 89.7% | 10.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HOLYOKE POLICE DEPARTMENT

| Total Citations ¹ : 867 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 42.1% | Citations per 1000 | |
| | Passing through: | 57.9% | 18 + residents: | 28.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 773) | | | | ITP Stops ³ (N = 190) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.52 | | | | 35.38 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.3% | | | | Female 34.0% | | | |
| Male 63.7% | | | | Male 66.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.7% | | | | Race % Mis/Unk ⁴ 2.1% | | | |
| AA/Black 6.9% | | | | AA/Black 4.3% | | | |
| Hispanic 17.7% | | | | Hispanic 30.6% | | | |
| White 74.6% | | | | White 64.5% | | | |
| Other 0.8% | | | | Other 0.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.9% | 4.5% | 2.4% | AA/Black | 6.9% | 14.4% | -7.5% |
| Hispanic | 17.7% | 53.9% | -36.2% | Hispanic | 17.7% | 14.5% | 3.2% |
| White | 74.6% | 41.3% | 33.3% | White | 74.6% | 66.4% | 8.2% |
| Other | 0.8% | 3.7% | -2.9% | Other | 0.8% | 4.6% | -3.8% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 150 | 25.6% | 30.2% | NW | 60 | 37.4% | 38.5% |
| White | 401 | 74.4% | 69.8% | White | 99 | 62.6% | 61.5% |
| Chi-square, X-tab ⁶ : | | .250 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .895 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .883 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .957 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 37.5% | 8.9% | 30.4% | 23.2% | NW | 4 | N/A |
| Hispanic | 56.0% | 14.0% | 14.0% | 16.0% | White | 12 | N/A |
| White | 39.0% | 12.6% | 25.3% | 23.1% | | | |
| Other | 50.0% | 25.0% | 25.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .007* | <i>sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HOPEDALE POLICE DEPARTMENT

| Total Citations ¹ : 273 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 16.7% | Citations per 1000 | |
| | Passing through: | 83.3% | 18 + residents: | 60.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 258) | | | | ITP Stops ³ (N = 146) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.26 | | | | 33.24 | | | |
| Gender % | | | | Gender % | | | |
| Female 28.7% | | | | Female 28.0% | | | |
| Male 71.3% | | | | Male 72.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.1% | | | | Race % Mis/Unk ⁴ 4.1% | | | |
| AA/Black 4.4% | | | | AA/Black 3.6% | | | |
| Hispanic 14.8% | | | | Hispanic 15.7% | | | |
| White 79.2% | | | | White 78.6% | | | |
| Other 1.6% | | | | Other 2.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.4% | 0.3% | 4.1% | AA/Black | 4.4% | 14.4% | -10.0% |
| Hispanic | 14.8% | 1.0% | 13.8% | Hispanic | 14.8% | 14.5% | 0.3% |
| White | 79.2% | 96.1% | -16.9% | White | 79.2% | 66.4% | 12.8% |
| Other | 1.6% | 2.7% | -1.1% | Other | 1.6% | 4.6% | -3.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 48 | 19.1% | 25.4% | NW | 28 | 21.4% | 22.2% |
| White | 184 | 80.9% | 74.6% | White | 102 | 78.6% | 77.8% |
| Chi-square, X-tab ⁶ : | | .299 | not sig. | Chi-square, X-tab ⁶ : | | .923 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .713 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.273 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 16.7% | 8.3% | 58.3% | 16.7% | NW | 0 | N/A |
| Hispanic | 12.2% | 2.4% | 82.9% | 2.4% | White | 2 | N/A |
| White | 54.8% | 18.8% | 23.6% | 2.9% | | | |
| Other | 25.0% | 0.0% | 75.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HOPKINTON POLICE DEPARTMENT

| Total Citations ¹ : 1,260 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 29.6% | Citations per 1000 | |
| | Passing through: | 70.4% | 18 + residents: | 92.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,229) | | | | ITP Stops ³ (N = 498) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.62 | | | | 38.72 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.1% | | | | Female 29.5% | | | |
| Male 66.9% | | | | Male 70.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 5.6% | | | | AA/Black 4.7% | | | |
| Hispanic 17.1% | | | | Hispanic 15.6% | | | |
| White 66.8% | | | | White 69.2% | | | |
| Other 10.5% | | | | Other 10.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.6% | 1.9% | 3.7% | AA/Black | 5.6% | 14.4% | -8.8% |
| Hispanic | 17.1% | 3.2% | 13.9% | Hispanic | 17.1% | 14.5% | 2.6% |
| White | 66.8% | 81.6% | -14.8% | White | 66.8% | 66.4% | 0.4% |
| Other | 10.5% | 13.3% | -2.8% | Other | 10.5% | 4.6% | 5.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 379 | 30.1% | 39.3% | NW | 128 | 30.0% | 32.9% |
| White | 751 | 69.9% | 60.7% | White | 285 | 70.0% | 67.1% |
| Chi-square, X-tab ⁶ : .002* sig. | | | | Chi-square, X-tab ⁶ : .557 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .690* sig. | | | | Odds ratio Exp(B) ⁷ : 1.112 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 74.3% | 5.7% | 18.6% | 1.4% | NW | 2 | N/A |
| Hispanic | 46.2% | 12.9% | 35.7% | 5.2% | White | 2 | N/A |
| White | 75.8% | 13.1% | 8.7% | 2.4% | | | |
| Other | 79.5% | 13.4% | 5.5% | 1.6% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HUBBARDSTON POLICE DEPARTMENT

| Total Citations ¹ : 372 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 21.2% | Citations per 1000 | |
| | Passing through: | 78.8% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 347) | | | | ITP Stops ³ (N = 160) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.94 | | | | 35.06 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.3% | | | | Female 34.4% | | | |
| Male 64.7% | | | | Male 65.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 5.9% | | | | AA/Black 4.4% | | | |
| Hispanic 10.9% | | | | Hispanic 9.4% | | | |
| White 82.4% | | | | White 85.6% | | | |
| Other 0.9% | | | | Other 0.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.9% | N/A | N/A | AA/Black | 5.9% | 14.4% | -8.5% |
| Hispanic | 10.9% | N/A | N/A | Hispanic | 10.9% | 14.5% | -3.6% |
| White | 82.4% | N/A | N/A | White | 82.4% | 66.4% | 16.0% |
| Other | 0.9% | N/A | N/A | Other | 0.9% | 4.6% | -3.7% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 60 | 15.5% | 29.9% | NW | 23 | 12.1% | 25.7% |
| White | 256 | 84.5% | 70.1% | White | 128 | 87.9% | 74.3% |
| Chi-square, X-tab ⁶ : | | .005* | sig. | Chi-square, X-tab ⁶ : | | .049* | sig. |
| Odds ratio Exp(B) ⁷ : | | .429* | sig. | Odds ratio Exp(B) ⁷ : | | .604 | not sig. |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|---------------|-------------|----------|----------|------------|
| AA/Black | 33.3% | 19.0% | 47.6% | 0.0% | NW | 0 | N/A |
| Hispanic | 21.6% | 8.1% | 67.6% | 2.7% | White | 1 | N/A |
| White | 34.9% | 14.5% | 49.7% | 1.0% | | | |
| Other | 0.0% | 0.0% | 100.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .424 | not sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HUDSON POLICE DEPARTMENT

| Total Citations ¹ : 1,000 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 36.6% | Citations per 1000 | |
| | Passing through: | 63.4% | 18 + residents: | 62.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 958) | | | | ITP Stops ³ (N = 466) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.55 | | | | 38.27 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.9% | | | | Female 32.9% | | | |
| Male 63.0% | | | | Male 66.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 9.2% | | | | Race % Mis/Unk ⁴ 11.6% | | | |
| AA/Black 3.4% | | | | AA/Black 3.2% | | | |
| Hispanic 7.4% | | | | Hispanic 7.0% | | | |
| White 87.1% | | | | White 87.1% | | | |
| Other 2.1% | | | | Other 2.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.4% | 1.2% | 2.2% | AA/Black | 3.4% | 14.4% | -11.0% |
| Hispanic | 7.4% | 5.8% | 1.6% | Hispanic | 7.4% | 14.5% | -7.1% |
| White | 87.1% | 89.2% | -2.1% | White | 87.1% | 66.4% | 20.7% |
| Other | 2.1% | 3.5% | -1.4% | Other | 2.1% | 4.6% | -2.5% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 105 | 11.5% | 15.7% | NW | 46 | 11.7% | 12.9% |
| White | 725 | 88.5% | 84.3% | White | 334 | 88.3% | 87.1% |
| Chi-square, X-tab ⁶ : .107 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .740 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .735 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .696 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 78.1% | 6.3% | 12.5% | 3.1% | NW | 13 | N/A |
| Hispanic | 50.7% | 15.9% | 29.0% | 4.3% | White | 51 | N/A |
| White | 78.9% | 9.0% | 9.1% | 3.0% | | | |
| Other | 88.9% | 11.1% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HULL POLICE DEPARTMENT

| Total Citations ¹ : 747 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 31.9% | Citations per 1000 | |
| | Passing through: | 68.1% | 18 + residents: | 82 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 700) | | | | ITP Stops ³ (N = 319) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.23 | | | | 38.6 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.4% | | | | Female 37.3% | | | |
| Male 64.6% | | | | Male 62.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 6.1% | | | | Race % Mis/Unk ⁴ 6.0% | | | |
| AA/Black 7.6% | | | | AA/Black 6.7% | | | |
| Hispanic 3.3% | | | | Hispanic 4.0% | | | |
| White 87.1% | | | | White 86.3% | | | |
| Other 2.0% | | | | Other 3.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.6% | 0.5% | 7.1% | AA/Black | 7.6% | 14.4% | -6.8% |
| Hispanic | 3.3% | 1.7% | 1.6% | Hispanic | 3.3% | 14.5% | -11.2% |
| White | 87.1% | 94.6% | -7.5% | White | 87.1% | 66.4% | 20.7% |
| Other | 2.0% | 3.1% | -1.1% | Other | 2.0% | 4.6% | -2.6% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 75 | 12.9% | 12.5% | NW | 35 | 16.1% | 10.2% |
| White | 515 | 87.1% | 87.5% | White | 226 | 83.9% | 89.8% |
| Chi-square, X-tab ⁶ : .884 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .163 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : 1.151 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.706 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 53.8% | 19.2% | 21.2% | 5.8% | NW | 3 | N/A |
| Hispanic | 50.0% | 18.2% | 31.8% | 0.0% | White | 12 | N/A |
| White | 61.9% | 17.3% | 16.4% | 4.4% | | | |
| Other | 84.6% | 15.4% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .367 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

IPSWICH POLICE DEPARTMENT

| Total Citations ¹ : 221 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 37.7% | Citations per 1000 | |
| | Passing through: | 62.3% | 18 + residents: | 19.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 183) | | | | ITP Stops ³ (N = 96) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.98 | | | | 38.27 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.2% | | | | Female 41.7% | | | |
| Male 62.8% | | | | Male 58.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 1.7% | | | | AA/Black 1.1% | | | |
| Hispanic 8.9% | | | | Hispanic 9.5% | | | |
| White 87.8% | | | | White 86.3% | | | |
| Other 1.7% | | | | Other 3.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 1.7% | 2.2% | -0.5% | AA/Black | 1.7% | 14.4% | -12.7% |
| Hispanic | 8.9% | 4.2% | 4.7% | Hispanic | 8.9% | 14.5% | -5.6% |
| White | 87.8% | 92.0% | -4.2% | White | 87.8% | 66.4% | 21.4% |
| Other | 1.7% | 2.0% | -0.3% | Other | 1.7% | 4.6% | -2.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 22 | 11.3% | 15.0% | NW | 13 | 12.5% | 18.5% |
| White | 153 | 88.7% | 85.0% | White | 78 | 87.5% | 81.5% |
| Chi-square, X-tab ⁶ : .484 not sig. | | | | Chi-square, X-tab ⁶ : .454 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .659 not sig. | | | | Odds ratio Exp(B) ⁷ : .098 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 66.7% | 33.3% | 0.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 27.8% | 27.8% | 33.3% | 11.1% | White | 2 | N/A |
| White | 42.3% | 29.4% | 17.0% | 11.3% | | | |
| Other | 0.0% | 33.3% | 66.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .362 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT KINGSTON POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 174 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 28.1% | Citations per 1000 | | | | | | |
| | Passing through: | | 71.9% | 18 + residents: 38.4 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 153) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 32.43 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 38.6% | | | | Female N/A | | | | | | |
| Male 60.8% | | | | Male N/A | | | | | | |
| Non-binary 0.7% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 5.9% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 4.2% | | | | AA/Black N/A | | | | | | |
| Hispanic 2.8% | | | | Hispanic N/A | | | | | | |
| White 92.4% | | | White N/A | | | | | | | |
| Other 0.7% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 4.2% | 0.6% | 3.6% | | AA/Black | 4.2% | 14.4% | -10.2% | | |
| Hispanic | 2.8% | 3.8% | -1.0% | | Hispanic | 2.8% | 14.5% | -11.7% | | |
| White | 92.4% | 93.6% | -1.2% | | White | 92.4% | 66.4% | 26.0% | | |
| Other | 0.7% | 2.0% | -1.3% | | Other | 0.7% | 4.6% | -3.9% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 66.7% | 0.0% | 33.3% | 0.0% | NW | 3 | N/A | | | |
| Hispanic | 0.0% | 0.0% | 100.0% | 0.0% | White | 5 | N/A | | | |
| White | 71.2% | 8.5% | 15.7% | 4.6% | | | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .015* sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LAKEVILLE POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 508 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 24.3% | Citations per 1000 | | | | |
| | Passing through: | | 75.7% | 18 + residents: 55.6 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 452) | | | | ITP Stops ³ (N = 109) | | | | |
| Mean age | | | | Mean age | | | | |
| 34.35 | | | | 34.77 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 29.6% | | | | Female 35.8% | | | | |
| Male 70.4% | | | | Male 64.2% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 4.9% | | | | Race % Mis/Unk ⁴ 1.8% | | | | |
| AA/Black 6.7% | | | | AA/Black 6.5% | | | | |
| Hispanic 4.0% | | | | Hispanic 4.7% | | | | |
| White 87.9% | | | White 87.9% | | | | | |
| Other 1.4% | | | Other 0.9% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 6.7% | 2.0% | 4.7% | | AA/Black | 6.7% | 14.4% | -7.7% |
| Hispanic | 4.0% | 2.8% | 1.2% | | Hispanic | 4.0% | 14.5% | -10.5% |
| White | 87.9% | 92.4% | -4.5% | | White | 87.9% | 66.4% | 21.5% |
| Other | 1.4% | 3.0% | -1.6% | | Other | 1.4% | 4.6% | -3.2% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 49 | 10.1% | 19.6% | | NW | N/A | N/A | N/A |
| White | 350 | 89.9% | 80.4% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .015* | sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .386* | sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 25.0% | 46.9% | 12.5% | 15.6% | NW | 0 | N/A | |
| Hispanic | 15.8% | 15.8% | 68.4% | 0.0% | White | 6 | N/A | |
| White | 35.0% | 27.7% | 32.9% | 4.5% | | | | |
| Other | 57.1% | 14.3% | 28.6% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | | | | | |
| .001* sig. | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LANCASTER POLICE DEPARTMENT

| Total Citations ¹ : 463 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 6.5% | Citations per 1000 | |
| | Passing through: | 93.5% | 18 + residents: | 70.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 445) | | | | ITP Stops ³ (N = 94) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.8 | | | | 33.7 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.6% | | | | Female 31.2% | | | |
| Male 56.4% | | | | Male 68.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.4% | | | | Race % Mis/Unk ⁴ 2.1% | | | |
| AA/Black 7.2% | | | | AA/Black 3.3% | | | |
| Hispanic 17.2% | | | | Hispanic 23.9% | | | |
| White 73.0% | | | | White 71.7% | | | |
| Other 2.6% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.2% | 7.4% | -0.2% | AA/Black | 7.2% | 14.4% | -7.2% |
| Hispanic | 17.2% | 7.3% | 9.9% | Hispanic | 17.2% | 14.5% | 2.7% |
| White | 73.0% | 81.4% | -8.4% | White | 73.0% | 66.4% | 6.6% |
| Other | 2.6% | 4.8% | -2.2% | Other | 2.6% | 4.6% | -2.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 113 | 25.8% | 33.9% | NW | 26 | 26.7% | 28.0% |
| White | 307 | 74.2% | 66.1% | White | 62 | 73.3% | 72.0% |
| Chi-square, X-tab ⁶ : | | .191 | not sig. | Chi-square, X-tab ⁶ : | | .900 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .592 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.046 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 17.6% | 70.6% | 11.8% | 0.0% | NW | 0 | N/A |
| Hispanic | 32.4% | 55.4% | 12.2% | 0.0% | White | 0 | N/A |
| White | 29.0% | 59.1% | 11.0% | 0.9% | | | |
| Other | 9.1% | 81.8% | 9.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .706 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LAWRENCE POLICE DEPARTMENT

| Total Citations ¹ : 8,310 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 61.9% | Citations per 1000 | |
| | Passing through: | 38.1% | 18 + residents: | 140.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,943) | | | | ITP Stops ³ (N = 1,132) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.14 | | | | 35.94 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.9% | | | | Female 31.5% | | | |
| Male 64.0% | | | | Male 68.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 4.6% | | | | Race % Mis/Unk ⁴ 5.9% | | | |
| AA/Black 4.9% | | | | AA/Black 3.4% | | | |
| Hispanic 71.6% | | | | Hispanic 72.6% | | | |
| White 22.3% | | | | White 22.3% | | | |
| Other 1.3% | | | | Other 1.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.9% | 5.7% | -0.8% | AA/Black | 4.9% | 14.4% | -9.5% |
| Hispanic | 71.6% | 80.6% | -9.0% | Hispanic | 71.6% | 14.5% | 57.1% |
| White | 22.3% | 14.8% | 7.5% | White | 22.3% | 66.4% | -44.1% |
| Other | 1.3% | 5.1% | -3.8% | Other | 1.3% | 4.6% | -3.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 5,620 | 77.4% | 80.6% | NW | 730 | 76.7% | 78.6% |
| White | 1,602 | 22.6% | 19.4% | White | 215 | 23.3% | 21.4% |
| Chi-square, X-tab ⁶ : 0.32* sig. | | | | Chi-square, X-tab ⁶ : .517 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .848 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.192 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 75.8% | 13.3% | 10.4% | 0.5% | NW | 29 | N/A |
| Hispanic | 77.8% | 15.6% | 5.6% | 1.0% | White | 4 | N/A |
| White | 79.6% | 12.3% | 7.1% | 1.0% | | | |
| Other | 85.3% | 7.8% | 5.9% | 1.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LEE POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|--------------|--------------|--|--------------|--------------|---------------|
| Total Citations ¹ : 127 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 21.8% | | | Citations per 1000 | | | |
| | Passing through: 78.2% | | | 18 + residents: 26.7 | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 87) | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | Mean age | | | |
| 42.73 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 36.8% | | | | Female N/A | | | |
| Male 63.2% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 0.0% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 6.9% | | | | AA/Black N/A | | | |
| Hispanic 1.1% | | | | Hispanic N/A | | | |
| White 92.0% | | | | White N/A | | | |
| Other 0.0% | | | | Other N/A | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 6.9% | 0.3% | 6.6% | AA/Black | 6.9% | 14.4% | -7.5% |
| Hispanic | 1.1% | 2.5% | -1.4% | Hispanic | 1.1% | 14.5% | -13.4% |
| White | 92.0% | 90.9% | 1.1% | White | 92.0% | 66.4% | 25.6% |
| Other | 0.0% | 3.6% | -3.6% | Other | 0.0% | 4.6% | -4.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 37.5% | 12.5% | 50.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 33.3% | 33.3% | 0.0% | 33.3% | White | 2 | N/A |
| White | 53.0% | 12.2% | 27.8% | 7.0% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .302 not sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LEICESTER POLICE DEPARTMENT

| Total Citations ¹ : 975 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 12.3% | Citations per 1000 | |
| | Passing through: | 87.7% | 18 + residents: | 105.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 949) | | | | ITP Stops ³ (N = 297) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.23 | | | | 35.37 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.6% | | | | Female 32.3% | | | |
| Male 62.4% | | | | Male 67.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.8% | | | | Race % Mis/Unk ⁴ 0.3% | | | |
| AA/Black 10.8% | | | | AA/Black 11.8% | | | |
| Hispanic 19.7% | | | | Hispanic 23.3% | | | |
| White 66.6% | | | | White 63.5% | | | |
| Other 2.9% | | | | Other 1.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.8% | 3.2% | 7.6% | AA/Black | 10.8% | 14.4% | -3.6% |
| Hispanic | 19.7% | 3.8% | 15.9% | Hispanic | 19.7% | 14.5% | 5.2% |
| White | 66.6% | 91.0% | -24.4% | White | 66.6% | 66.4% | 0.2% |
| Other | 2.9% | 2.5% | 0.4% | Other | 2.9% | 4.6% | -1.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 298 | 27.7% | 43.5% | NW | 94 | 33.3% | 40.2% |
| White | 600 | 72.3% | 56.5% | White | 171 | 66.7% | 59.8% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .277 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .540* sig. | | | | Odds ratio Exp(B) ⁷ : .714 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 62.3% | 8.5% | 28.3% | 0.9% | NW | 5 | N/A |
| Hispanic | 50.3% | 18.2% | 25.7% | 5.9% | White | 10 | N/A |
| White | 62.6% | 18.4% | 14.7% | 4.3% | | | |
| Other | 66.7% | 18.5% | 14.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LENOX POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|--------------|--------------|---|--------------|--------------|---------------|
| Total Citations ¹ : 487 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 7.4% | | | Citations per 1000 | | | |
| | Passing through: 92.6% | | | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops² (N = 476) | | | | ITP Stops³ (N = 175) | | | |
| Mean age | | | | Mean age | | | |
| 39.47 | | | | 38.4 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.9% | | | | Female 43.4% | | | |
| Male 57.7% | | | | Male 56.0% | | | |
| Non-binary 0.4% | | | | Non-binary 0.6% | | | |
| Race % Mis/Unk ⁴ 2.7% | | | | Race % Mis/Unk ⁴ 2.3% | | | |
| AA/Black 8.0% | | | | AA/Black 6.4% | | | |
| Hispanic 3.5% | | | | Hispanic 2.3% | | | |
| White 87.3% | | | | White 90.6% | | | |
| Other 1.3% | | | | Other 0.6% | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 8.0% | N/A | N/A | AA/Black | 8.0% | 14.4% | -6.4% |
| Hispanic | 3.5% | N/A | N/A | Hispanic | 3.5% | 14.5% | -11.0% |
| White | 87.3% | N/A | N/A | White | 87.3% | 66.4% | 20.9% |
| Other | 1.3% | N/A | N/A | Other | 1.3% | 4.6% | -3.3% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 55 | 10.8% | 22.0% | NW | N/A | N/A | N/A |
| White | 359 | 89.2% | 78.0% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .006 * | sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .478 * | sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 67.6% | 13.5% | 18.9% | 0.0% | NW | 0 | N/A |
| Hispanic | 62.5% | 6.3% | 31.3% | 0.0% | White | 1 | N/A |
| White | 79.3% | 12.5% | 7.5% | 0.7% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .041 * sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LEOMINSTER POLICE DEPARTMENT

| Total Citations ¹ : 2,340 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 45.1% | Citations per 1000 | |
| | Passing through: | 54.9% | 18 + residents: | 71.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,211) | | | | ITP Stops ³ (N = 245) | | | |
|------------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 42.17 | | | | 38.06 | | | |
| Gender % | | | | Gender % | | | |
| Female 49.3% | | | | Female 40.5% | | | |
| Male 50.7% | | | | Male 59.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 8.2% | | | | AA/Black 7.5% | | | |
| Hispanic 19.4% | | | | Hispanic 25.7% | | | |
| White 69.7% | | | | White 63.5% | | | |
| Other 2.7% | | | | Other 3.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.2% | 6.7% | 1.5% | AA/Black | 8.2% | 14.4% | -6.2% |
| Hispanic | 19.4% | 18.4% | 1.0% | Hispanic | 19.4% | 14.5% | 4.9% |
| White | 69.7% | 69.3% | 0.4% | White | 69.7% | 66.4% | 3.3% |
| Other | 2.7% | 6.8% | -4.1% | Other | 2.7% | 4.6% | -1.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 647 | 28.6% | 44.8% | NW | 78 | 29.6% | 41.1% |
| White | 1,505 | 71.4% | 55.2% | White | 144 | 70.4% | 58.9% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .072 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .507* | sig. | Odds ratio Exp(B) ⁷ : | | .463 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 80.6% | 5.8% | 11.0% | 2.6% | NW | 3 | N/A |
| Hispanic | 76.0% | 7.2% | 15.3% | 1.5% | White | 2 | N/A |
| White | 86.4% | 5.1% | 6.7% | 1.8% | | | |
| Other | 81.7% | 5.0% | 13.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LEVERETT POLICE DEPARTMENT

| Total Citations ¹ : 279 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 14.9% | Citations per 1000 | |
| | Passing through: | 85.1% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 275) | | | | ITP Stops ³ (N = 136) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.53 | | | | 39.02 | | | |
| Gender % | | | | Gender % | | | |
| Female 45.0% | | | | Female 43.3% | | | |
| Male 55.0% | | | | Male 56.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.8% | | | | Race % Mis/Unk ⁴ 2.9% | | | |
| AA/Black 7.0% | | | | AA/Black 6.8% | | | |
| Hispanic 1.5% | | | | Hispanic 2.3% | | | |
| White 90.4% | | | | White 89.4% | | | |
| Other 1.1% | | | | Other 1.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.0% | N/A | N/A | AA/Black | 7.0% | 14.4% | -7.4% |
| Hispanic | 1.5% | N/A | N/A | Hispanic | 1.5% | 14.5% | -13.0% |
| White | 90.4% | N/A | N/A | White | 90.4% | 66.4% | 24.0% |
| Other | 1.1% | N/A | N/A | Other | 1.1% | 4.6% | -3.5% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 25 | 8.6% | 13.4% | NW | 14 | 12.1% | 11.3% |
| White | 227 | 91.4% | 86.6% | White | 105 | 87.9% | 88.7% |
| Chi-square, X-tab ⁶ : .262 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .893 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .861 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.804 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.0% | 10.0% | 30.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 50.0% | 50.0% | 0.0% | 0.0% | White | 2 | N/A |
| White | 85.8% | 6.1% | 6.9% | 1.2% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .002* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LEXINGTON POLICE DEPARTMENT

| Total Citations ¹ : 1,291 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 28.4% | Citations per 1000 | |
| | Passing through: | 71.6% | 18 + residents: | 53.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,114) | | | | ITP Stops ³ (N = 238) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.94 | | | | 41.07 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.8% | | | | Female 40.3% | | | |
| Male 56.1% | | | | Male 59.7% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.7% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 7.3% | | | | AA/Black 9.8% | | | |
| Hispanic 8.3% | | | | Hispanic 6.0% | | | |
| White 63.6% | | | | White 60.0% | | | |
| Other 20.8% | | | | Other 24.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.3% | 1.3% | 6.0% | AA/Black | 7.3% | 14.4% | -7.1% |
| Hispanic | 8.3% | 2.1% | 6.2% | Hispanic | 8.3% | 14.5% | -6.2% |
| White | 63.6% | 62.7% | 0.9% | White | 63.6% | 66.4% | -2.8% |
| Other | 20.8% | 34.0% | -13.2% | Other | 20.8% | 4.6% | 16.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 392 | 35.0% | 46.3% | NW | 84 | 38.3% | 43.7% |
| White | 676 | 65.0% | 53.7% | White | 123 | 61.7% | 56.3% |
| Chi-square, X-tab ⁶ : .006* sig. | | | | Chi-square, X-tab ⁶ : .440 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .625* sig. | | | | Odds ratio Exp(B) ⁷ : .603 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 56.4% | 29.7% | 13.9% | 0.0% | NW | 0 | N/A |
| Hispanic | 33.0% | 41.5% | 21.7% | 3.8% | White | 0 | N/A |
| White | 54.2% | 37.1% | 6.6% | 2.1% | | | |
| Other | 50.0% | 46.9% | 2.4% | 0.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LEYDEN POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|----------|----------|--------------------------------------|-------|-----------|----------|
| Total Citations ¹ : 137 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 40.3% | | | Citations per 1000 | | | |
| | Passing through: 59.7% | | | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 134) | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | Mean age | | | |
| 39.4 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 28.4% | | | | Female N/A | | | |
| Male 71.6% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 6.7% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 2.4% | | | | AA/Black N/A | | | |
| Hispanic 0.0% | | | | Hispanic N/A | | | |
| White 97.6% | | | | White N/A | | | |
| Other 0.0% | | | | Other N/A | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 2.4% | N/A | N/A | AA/Black | 2.4% | 14.4% | -12.0% |
| Hispanic | 0.0% | N/A | N/a | Hispanic | 0.0% | 14.5% | -14.5% |
| White | 97.6% | N/A | N/A | White | 97.6% | 66.4% | 31.2% |
| Other | 0.0% | N/A | N/A | Other | 0.0% | 4.6% | -4.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 33.3% | 0.0% | 66.7% | 0.0% | NW | 0 | N/A |
| Hispanic | 0.0% | 0.0% | 0.0% | 0.0% | White | 1 | N/A |
| White | 10.4% | 80.0% | 9.6% | 0.0% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .002* sig. | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LINCOLN POLICE DEPARTMENT

| Total Citations ¹ : 779 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 7.5% | Citations per 1000 | |
| | Passing through: | 92.5% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 745) | | | | ITP Stops ³ (N = 288) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.43 | | | | 43.22 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.6% | | | | Female 31.6% | | | |
| Male 68.4% | | | | Male 68.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.3% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 13.7% | | | | AA/Black 7.6% | | | |
| Hispanic 13.5% | | | | Hispanic 9.4% | | | |
| White 63.9% | | | | White 71.5% | | | |
| Other 8.9% | | | | Other 11.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.7% | N/A | N/A | AA/Black | 13.7% | 14.4% | -0.7% |
| Hispanic | 13.5% | N/A | N/A | Hispanic | 13.5% | 14.5% | -1.0% |
| White | 63.9% | N/A | N/A | White | 63.9% | 66.4% | -2.5% |
| Other | 8.9% | N/A | N/A | Other | 8.9% | 4.6% | 4.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 261 | 25.6% | 45.3% | NW | 75 | 27.3% | 31.6% |
| White | 453 | 74.4% | 54.7% | White | 185 | 72.7% | 68.4% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .461 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .419* sig. | | | | Odds ratio Exp(B) ⁷ : .795 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 77.9% | 17.3% | 3.8% | 1.0% | NW | 0 | N/A |
| Hispanic | 52.5% | 21.8% | 21.8% | 4.0% | White | 1 | N/A |
| White | 76.9% | 17.5% | 3.6% | 2.0% | | | |
| Other | 81.8% | 16.7% | 1.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LITTLETON POLICE DEPARTMENT

| Total Citations ¹ : 684 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 12.3% | Citations per 1000 | |
| | Passing through: | 87.7% | 18 + residents: | 87.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 649) | | | | ITP Stops ³ (N = 253) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.86 | | | | 37.81 | | | |
| Gender % | | | | Gender % | | | |
| Female 28.0% | | | | Female 31.3% | | | |
| Male 72.0% | | | | Male 68.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ 2.8% | | | |
| AA/Black 9.2% | | | | AA/Black 8.1% | | | |
| Hispanic 10.0% | | | | Hispanic 6.9% | | | |
| White 71.5% | | | | White 71.5% | | | |
| Other 9.2% | | | | Other 13.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.2% | 0.6% | 8.6% | AA/Black | 9.2% | 14.4% | -5.2% |
| Hispanic | 10.0% | 1.3% | 8.7% | Hispanic | 10.0% | 14.5% | -4.5% |
| White | 71.5% | 89.0% | -17.5% | White | 71.5% | 66.4% | 5.1% |
| Other | 9.2% | 8.8% | 0.4% | Other | 9.2% | 4.6% | 4.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 171 | 26.8% | 31.4% | NW | 63 | 27.1% | 31.1% |
| White | 418 | 73.2% | 68.6% | White | 156 | 72.9% | 68.9% |
| Chi-square, X-tab ⁶ : .217 not sig. | | | | Chi-square, X-tab ⁶ : .522 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .817 not sig. | | | | Odds ratio Exp(B) ⁷ : .907 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 63.3% | 8.3% | 18.3% | 10.0% | NW | 5 | N/A |
| Hispanic | 62.5% | 6.3% | 26.6% | 4.7% | White | 8 | N/A |
| White | 71.3% | 11.9% | 12.1% | 4.8% | | | |
| Other | 67.8% | 18.6% | 8.5% | 5.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .023* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LONGMEADOW POLICE DEPARTMENT

| Total Citations ¹ : 464 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 29.5% | Citations per 1000 | |
| | Passing through: | 70.5% | 18 + residents: | 38.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 396) | | | | ITP Stops ³ (N = 119) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.83 | | | | 37.65 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.0% | | | | Female 38.1% | | | |
| Male 61.0% | | | | Male 61.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 11.5% | | | | AA/Black 7.6% | | | |
| Hispanic 4.1% | | | | Hispanic 5.1% | | | |
| White 81.3% | | | | White 83.1% | | | |
| Other 3.1% | | | | Other 4.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.5% | 0.9% | 10.6% | AA/Black | 11.5% | 14.4% | -2.9% |
| Hispanic | 4.1% | 6.8% | -2.7% | Hispanic | 4.1% | 14.5% | -10.4% |
| White | 81.3% | 84.4% | -3.1% | White | 81.3% | 66.4% | 14.9% |
| Other | 3.1% | 8.5% | -5.4% | Other | 3.1% | 4.6% | -1.5% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 58 | 14.3% | 21.7% | NW | 18 | 12.1% | 23.4% |
| White | 274 | 85.7% | 78.3% | White | 87 | 87.9% | 76.6% |
| Chi-square, X-tab ⁶ : | | .079 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .125 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .648 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .801 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 65.3% | 10.2% | 24.5% | 0.0% | NW | 0 | N/A |
| Hispanic | 100.0% | 0.0% | 0.0% | 0.0% | White | 0 | N/A |
| White | 84.6% | 7.4% | 8.0% | 0.0% | | | |
| Other | 66.7% | 26.7% | 6.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | <i>sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LOWELL POLICE DEPARTMENT

| Total Citations ¹ : 10,582 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 48.0% | Citations per 1000 | |
| | Passing through: | 52.0% | 18 + residents: | 121 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 10,303) | | | | ITP Stops ³ (N = 3,470) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.37 | | | | 34.28 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.8% | | | | Female 33.0% | | | |
| Male 61.2% | | | | Male 67.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.7% | | | | Race % Mis/Unk ⁴ 3.5% | | | |
| AA/Black 12.3% | | | | AA/Black 12.0% | | | |
| Hispanic 26.4% | | | | Hispanic 29.2% | | | |
| White 49.2% | | | | White 46.3% | | | |
| Other 12.2% | | | | Other 12.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.3% | 8.0% | 4.3% | AA/Black | 12.3% | 14.4% | -2.1% |
| Hispanic | 26.4% | 18.1% | 8.3% | Hispanic | 26.4% | 14.5% | 11.9% |
| White | 49.2% | 48.7% | 0.5% | White | 49.2% | 66.4% | -17.2% |
| Other | 12.2% | 26.4% | -14.2% | Other | 12.2% | 4.6% | 7.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 4,799 | 48.7% | 59.7% | NW | 1,612 | 51.1% | 57.2% |
| White | 4,654 | 51.3% | 40.3% | White | 1,425 | 48.9% | 42.8% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .002* sig. | | | |
| Odds ratio Exp(B) ⁷ : .652* sig. | | | | Odds ratio Exp(B) ⁷ : .857 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|-----------|------------|
| AA/Black | 22.2% | 71.7% | 5.2% | 0.9% | NW | 11 | N/A |
| Hispanic | 18.6% | 70.4% | 9.3% | 1.8% | White | 14 | N/A |
| White | 18.2% | 76.0% | 5.1% | 0.7% | | | |
| Other | 22.4% | 72.4% | 4.4% | 0.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LUDLOW POLICE DEPARTMENT

| Total Citations ¹ : 993 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 38.6% | Citations per 1000 | |
| | Passing through: | 61.4% | 18 + residents: | 57.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 846) | | | | ITP Stops ³ (N = 442) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.33 | | | | 37.85 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.2% | | | | Female 36.7% | | | |
| Male 63.8% | | | | Male 63.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.1% | | | | Race % Mis/Unk ⁴ 0.2% | | | |
| AA/Black 8.8% | | | | AA/Black 5.9% | | | |
| Hispanic 5.9% | | | | Hispanic 4.5% | | | |
| White 84.2% | | | | White 88.7% | | | |
| Other 1.1% | | | | Other 0.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.8% | 1.4% | 7.4% | AA/Black | 8.8% | 14.4% | -5.6% |
| Hispanic | 5.9% | 8.6% | -2.7% | Hispanic | 5.9% | 14.5% | -8.6% |
| White | 84.2% | 87.3% | -3.1% | White | 84.2% | 66.4% | 17.8% |
| Other | 1.1% | 3.8% | -2.7% | Other | 1.1% | 4.6% | -3.5% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 106 | 12.1% | 18.4% | NW | 43 | 9.4% | 13.7% |
| White | 595 | 87.9% | 81.6% | White | 348 | 90.6% | 86.3% |
| Chi-square, X-tab ⁶ : .020* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .188 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .592* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .769 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 57.6% | 7.1% | 29.4% | 5.9% | NW | 2 | N/A |
| Hispanic | 35.6% | 22.0% | 28.8% | 13.6% | White | 3 | N/A |
| White | 63.7% | 14.8% | 15.8% | 5.7% | | | |
| Other | 70.0% | 20.0% | 10.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LUNENBERG POLICE DEPARTMENT

| Total Citations ¹ : 1,850 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 22.8% | Citations per 1000 | |
| | Passing through: | 77.2% | 18 + residents: | 204.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,786) | | | | ITP Stops ³ (N = 559) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.37 | | | | 37.5 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.5% | | | | Female 39.3% | | | |
| Male 58.5% | | | | Male 60.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 2.1% | | | | Race % Mis/Unk ⁴ 2.1% | | | |
| AA/Black 6.8% | | | | AA/Black 6.9% | | | |
| Hispanic 14.6% | | | | Hispanic 14.6% | | | |
| White 76.8% | | | | White 76.6% | | | |
| Other 1.8% | | | | Other 1.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.8% | 1.7% | 5.1% | AA/Black | 6.8% | 14.4% | -7.6% |
| Hispanic | 14.6% | 5.9% | 8.7% | Hispanic | 14.6% | 14.5% | 0.1% |
| White | 76.8% | 88.4% | -11.6% | White | 76.8% | 66.4% | 10.4% |
| Other | 1.8% | 4.0% | -2.2% | Other | 1.8% | 4.6% | -2.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 378 | 19.2% | 32.3% | NW | 106 | 18.2% | 31.0% |
| White | 1,255 | 80.8% | 67.7% | White | 353 | 81.8% | 69.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .002* sig. | | | |
| Odds ratio Exp(B) ⁷ : .511* sig. | | | | Odds ratio Exp(B) ⁷ : .496* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 73.2% | 5.7% | 17.9% | 3.3% | NW | 1 | N/A |
| Hispanic | 69.9% | 8.3% | 18.0% | 3.8% | White | 3 | N/A |
| White | 83.5% | 6.5% | 8.2% | 1.8% | | | |
| Other | 84.8% | 6.1% | 9.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LYNN POLICE DEPARTMENT

| Total Citations ¹ : 3,822 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 60.7% | Citations per 1000 | |
| | Passing through: | 39.3% | 18 + residents: | 53.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,256) | | | | ITP Stops ³ (N = 868) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.92 | | | | 35.44 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.2% | | | | Female 31.8% | | | |
| Male 65.6% | | | | Male 68.2% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.8% | | | | Race % Mis/Unk ⁴ 5.6% | | | |
| AA/Black 13.4% | | | | AA/Black 12.7% | | | |
| Hispanic 42.1% | | | | Hispanic 44.4% | | | |
| White 40.9% | | | | White 39.3% | | | |
| Other 3.6% | | | | Other 3.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.4% | 13.7% | -0.3% | AA/Black | 13.4% | 14.4% | -1.0% |
| Hispanic | 42.1% | 42.8% | -0.7% | Hispanic | 42.1% | 14.5% | 27.6% |
| White | 40.9% | 35.9% | 5.0% | White | 40.9% | 66.4% | -25.5% |
| Other | 3.6% | 14.4% | -10.8% | Other | 3.6% | 4.6% | -1.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,601 | 58.1% | 62.8% | NW | 447 | 57.5% | 62.5% |
| White | 1,096 | 41.9% | 37.2% | White | 298 | 42.5% | 37.5% |
| Chi-square, X-tab ⁶ : | | .025* | sig. | Chi-square, X-tab ⁶ : | | .160 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .863 | not sig. | Odds ratio Exp(B) ⁷ : | | .630 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 52.5% | 22.1% | 21.6% | 3.8% | NW | 31 | N/A |
| Hispanic | 35.6% | 26.1% | 33.6% | 4.7% | White | 8 | N/A |
| White | 54.5% | 24.8% | 18.3% | 2.4% | | | |
| Other | 51.3% | 34.2% | 12.0% | 2.6% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LYNNFIELD POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|--------------|
| Total Citations ¹ : 145 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 24.0% | Citations per 1000 | | | | |
| | Passing through: | | 76.0% | 18 + residents: 14.8 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 130) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 34.77 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 41.3% | | | | Female N/A | | | | |
| Male 58.7% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 8.5% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 6.7% | | | | AA/Black N/A | | | | |
| Hispanic 16.0% | | | | Hispanic N/A | | | | |
| White 75.6% | | | White N/A | | | | | |
| Other 1.7% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 6.7% | 1.2% | N/A | | AA/Black | 6.7% | 14.4% | -7.7% |
| Hispanic | 16.0% | 2.4% | N/A | | Hispanic | 16.0% | 14.5% | 1.5% |
| White | 75.6% | 90.7% | N/A | | White | 75.6% | 66.4% | 9.2% |
| Other | 1.7% | 6.3% | N/A | | Other | 1.7% | 4.6% | -2.9% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 26 | 23.9% | 29.0% | | NW | N/A | N/A | N/A |
| White | 76 | 76.1% | 71.0% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .588 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .899 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 44.4% | 22.2% | 22.2% | 11.1% | NW | 1 | N/A | |
| Hispanic | 38.1% | 38.1% | 23.8% | 0.0% | White | 0 | N/A | |
| White | 48.5% | 35.4% | 11.1% | 5.1% | | | | |
| Other | 50.0% | 50.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .764 | | not sig. | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MALDEN POLICE DEPARTMENT

| Total Citations ¹ : 460 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 35.6% | Citations per 1000 | |
| | Passing through: | 64.4% | 18 + residents: | 9.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 351) | | | | ITP Stops ³ (N = 79) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.96 | | | | 37.4 | | | |
| Gender % | | | | Gender % | | | |
| Female 28.6% | | | | Female 25.6% | | | |
| Male 71.4% | | | | Male 74.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 8.5% | | | | Race % Mis/Unk ⁴ 5.1% | | | |
| AA/Black 24.6% | | | | AA/Black 24.0% | | | |
| Hispanic 6.9% | | | | Hispanic 4.0% | | | |
| White 59.2% | | | | White 66.7% | | | |
| Other 9.3% | | | | Other 5.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|---------------|--|--------------------------------------|--------------|--------------|--|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black 24.6% | 18.5% | 6.1% | | AA/Black 24.6% | 14.4% | 10.2% | |
| Hispanic 6.9% | 8.5% | -1.6% | | Hispanic 6.9% | 14.5% | -7.6% | |
| White 59.2% | 47.0% | 12.2% | | White 59.2% | 66.4% | -7.2% | |
| Other 9.3% | 25.7% | -16.4% | | Other 9.3% | 4.6% | 4.7% | |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 120 | 41.4% | 38.0% | NW | 25 | 30.2% | 40.0% |
| White | 174 | 58.6% | 62.0% | White | 48 | 69.8% | 60.0% |
| Chi-square, X-tab ⁶ : .656 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .387 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : 1.283 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .773 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 44.2% | 29.5% | 24.2% | 2.1% | NW | 0 | N/A |
| Hispanic | 46.4% | 17.9% | 35.7% | 0.0% | White | 2 | N/A |
| White | 45.9% | 24.2% | 27.9% | 2.0% | | | |
| Other | 61.3% | 29.0% | 9.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .441 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MANCHESTER POLICE DEPARTMENT

| Total Citations ¹ : 450 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 23.8% | Citations per 1000 | |
| | Passing through: | 76.2% | 18 + residents: | 107 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 446) | | | | ITP Stops ³ (N = 150) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.86 | | | | 39.62 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.9% | | | | Female 36.9% | | | |
| Male 60.1% | | | | Male 63.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.7% | | | | Race % Mis/Unk ⁴ 6.0% | | | |
| AA/Black 1.9% | | | | AA/Black 2.8% | | | |
| Hispanic 6.6% | | | | Hispanic 9.9% | | | |
| White 88.5% | | | | White 85.1% | | | |
| Other 3.1% | | | | Other 2.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 1.9% | 0.0% | 1.9% | AA/Black | 1.9% | 14.4% | -12.5% |
| Hispanic | 6.6% | 1.5% | 5.1% | Hispanic | 6.6% | 14.5% | -7.9% |
| White | 88.5% | 97.1% | -8.6% | White | 88.5% | 66.4% | 22.1% |
| Other | 3.1% | 1.3% | 1.8% | Other | 3.1% | 4.6% | -1.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 48 | 10.6% | 13.4% | NW | 20 | 16.4% | 14.5% |
| White | 365 | 89.4% | 86.6% | White | 110 | 83.6% | 85.5% |
| Chi-square, X-tab ⁶ : .391 not sig. | | | | Chi-square, X-tab ⁶ : .764 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .730 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.053 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 50.0% | 12.5% | 37.5% | 0.0% | NW | 1 | N/A |
| Hispanic | 50.0% | 14.3% | 32.1% | 3.6% | White | 6 | N/A |
| White | 85.3% | 5.5% | 4.5% | 4.7% | | | |
| Other | 84.6% | 15.4% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MANSFIELD POLICE DEPARTMENT

| Total Citations ¹ : 2,715 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 32.4% | Citations per 1000 | |
| | Passing through: | 67.6% | 18 + residents: | 143.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,624) | | | | ITP Stops ³ (N = 871) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.3 | | | | 38.79 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.9% | | | | Female 39.2% | | | |
| Male 57.1% | | | | Male 60.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 0.5% | | | |
| AA/Black 10.1% | | | | AA/Black 8.4% | | | |
| Hispanic 4.6% | | | | Hispanic 4.4% | | | |
| White 79.7% | | | | White 81.7% | | | |
| Other 5.7% | | | | Other 5.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.1% | 2.3% | 7.8% | AA/Black | 10.1% | 14.4% | -4.3% |
| Hispanic | 4.6% | 4.1% | 0.5% | Hispanic | 4.6% | 14.5% | -9.9% |
| White | 79.7% | 86.4% | -6.7% | White | 79.7% | 66.4% | 13.3% |
| Other | 5.7% | 7.5% | -1.8% | Other | 5.7% | 4.6% | 1.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 512 | 18.2% | 29.8% | NW | 144 | 19.4% | 18.7% |
| White | 1,959 | 81.8% | 70.2% | White | 607 | 80.6% | 81.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .825 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .534* sig. | | | | Odds ratio Exp(B) ⁷ : .634 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 80.5% | 5.5% | 13.2% | 0.7% | NW | 0 | N/A |
| Hispanic | 80.0% | 4.0% | 13.6% | 2.4% | White | 1 | N/A |
| White | 92.8% | 2.0% | 3.7% | 1.5% | | | |
| Other | 94.0% | 4.0% | 1.3% | 0.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MARBLEHEAD POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 134 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 56.4% | Citations per 1000 | | | | | | |
| | Passing through: | | 43.6% | 18 + residents: 8.5 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 94) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 34.23 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 23.7% | | | | Female N/A | | | | | | |
| Male 76.3% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 2.2% | | | | AA/Black N/A | | | | | | |
| Hispanic 6.6% | | | | Hispanic N/A | | | | | | |
| White 91.2% | | | White N/A | | | | | | | |
| Other 0.0% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 2.2% | 1.6% | 0.6% | | AA/Black | 2.2% | 14.4% | -12.2% | | |
| Hispanic | 6.6% | 5.0% | 1.6% | | Hispanic | 6.6% | 14.5% | -7.9% | | |
| White | 91.2% | 91.1% | 0.1% | | White | 91.2% | 66.4% | 24.8% | | |
| Other | 0.0% | 2.3% | -2.3% | | Other | 0.0% | 4.6% | -4.6% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 0.0% | 25.0% | 75.0% | 0.0% | NW | 0 | N/A | | | |
| Hispanic | 0.0% | 42.9% | 28.6% | 28.6% | White | 1 | N/A | | | |
| White | 20.0% | 31.3% | 42.6% | 6.1% | | | | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : .185 | | | | not sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MARION POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|----------|-----------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 277 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 14.4% | Citations per 1000 | | | | |
| | Passing through: | | 85.6% | 18 + residents: 68.6 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 264) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 35.32 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 40.0% | | | | Female N/A | | | | |
| Male 60.0% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 6.8% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 14.6% | | | | AA/Black N/A | | | | |
| Hispanic 1.6% | | | | Hispanic N/A | | | | |
| White 83.7% | | | White N/A | | | | | |
| Other 0.0% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 14.6% | 1.4% | N/A | | AA/Black | 14.6% | 14.4% | 0.2% |
| Hispanic | 1.6% | 4.4% | N/A | | Hispanic | 1.6% | 14.5% | -12.9% |
| White | 83.7% | 84.7% | N/A | | White | 83.7% | 66.4% | 17.3% |
| Other | 0.0% | 5.3% | N/A | | Other | 0.0% | 4.6% | -4.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 35 | 14.6% | 18.8% | | NW | N/A | N/A | N/A |
| White | 186 | 85.4% | 81.3% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .449 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .777 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 40.0% | 10.0% | 47.5% | 2.5% | NW | 4 | N/A | |
| Hispanic | 0.0% | 0.0% | 50.0% | 50.0% | White | 2 | N/A | |
| White | 67.8% | 8.4% | 21.5% | 2.3% | | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MARLBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 2,055 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 46.8% | Citations per 1000 | |
| | Passing through: | 53.2% | 18 + residents: | 65.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,704) | | | | ITP Stops ³ (N = 610) | | | |
|------------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.09 | | | | 37.52 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.2% | | | | Female 30.1% | | | |
| Male 65.7% | | | | Male 69.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 7.4% | | | | AA/Black 6.2% | | | |
| Hispanic 14.9% | | | | Hispanic 16.5% | | | |
| White 74.6% | | | | White 73.2% | | | |
| Other 3.1% | | | | Other 4.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.4% | 3.8% | 3.6% | AA/Black | 7.4% | 14.4% | -7.0% |
| Hispanic | 14.9% | 15.1% | -0.2% | Hispanic | 14.9% | 14.5% | 0.4% |
| White | 74.6% | 69.2% | 5.4% | White | 74.6% | 66.4% | 8.2% |
| Other | 3.1% | 9.8% | -6.7% | Other | 3.1% | 4.6% | -1.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 397 | 26.0% | 26.0% | NW | 144 | 29.4% | 24.7% |
| White | 1,131 | 74.0% | 74.0% | White | 381 | 70.6% | 75.3% |
| Chi-square, X-tab ⁶ : | | .989 | not sig. | Chi-square, X-tab ⁶ : | | .229 | not sig. |
| Odds ratio Exp(B) ⁷ : | | 1.004 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.029 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 49.6% | 19.1% | 26.2% | 5.0% | NW | 5 | N/A |
| Hispanic | 39.1% | 18.3% | 33.7% | 9.0% | White | 8 | N/A |
| White | 53.3% | 22.4% | 21.2% | 3.0% | | | |
| Other | 69.0% | 24.1% | 5.2% | 1.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MARSHFIELD POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 279 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 47.6% | Citations per 1000 | | | | | | |
| | Passing through: | | 52.4% | 18 + residents: 10.7 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 246) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 36.71 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 28.6% | | | | Female N/A | | | | | | |
| Male 71.4% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 3.3% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 5.0% | | | | AA/Black N/A | | | | | | |
| Hispanic 1.3% | | | | Hispanic N/A | | | | | | |
| White 93.7% | | | White N/A | | | | | | | |
| Other 0.0% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 5.0% | 0.6% | 4.4% | | AA/Black | 5.0% | 14.4% | -9.4% | | |
| Hispanic | 1.3% | 2.1% | -0.8% | | Hispanic | 1.3% | 14.5% | -13.2% | | |
| White | 93.7% | 96.3% | -2.6% | | White | 93.7% | 66.4% | 27.3% | | |
| Other | 0.0% | 1.6% | -1.6% | | Other | 0.0% | 4.6% | -4.6% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 6.3% | 12.5% | 50.0% | 31.3% | NW | 1 | N/A | | | |
| Hispanic | 0.0% | 33.3% | 66.7% | 0.0% | White | 1 | N/A | | | |
| White | 33.9% | 25.0% | 34.3% | 6.9% | | | | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .005* sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MASHPEE POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 432 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 25.1% | Citations per 1000 | | | | |
| | Passing through: | | 74.9% | 18 + residents: 36.1 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 383) | | | | ITP Stops ³ (N = 132) | | | | |
| Mean age | | | | Mean age | | | | |
| 37.43 | | | | 36.68 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 30.2% | | | | Female 31.1% | | | | |
| Male 69.8% | | | | Male 68.9% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 2.6% | | | | Race % Mis/Unk ⁴ 1.5% | | | | |
| AA/Black 11.0% | | | | AA/Black 6.2% | | | | |
| Hispanic 3.8% | | | | Hispanic 0.8% | | | | |
| White 84.2% | | | White 91.5% | | | | | |
| Other 1.1% | | | Other 1.5% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 11.0% | 3.2% | 7.8% | | AA/Black | 11.0% | 14.4% | -3.4% |
| Hispanic | 3.8% | 0.6% | 3.2% | | Hispanic | 3.8% | 14.5% | -10.7% |
| White | 84.2% | 85.7% | -1.5% | | White | 84.2% | 66.4% | 17.8% |
| Other | 1.1% | 9.6% | -8.5% | | Other | 1.1% | 4.6% | -3.5% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 55 | 17.9% | 12.9% | | NW | N/A | N/A | N/A |
| White | 284 | 82.1% | 87.1% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .236 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.477 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 14.0% | 16.0% | 60.0% | 10.0% | NW | 1 | N/A | |
| Hispanic | 17.6% | 11.8% | 58.8% | 11.8% | White | 7 | N/A | |
| White | 24.8% | 22.2% | 42.5% | 10.5% | | | | |
| Other | 50.0% | 25.0% | 25.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .374 | | not sig. | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MATTAPOISETT POLICE DEPARTMENT

| Total Citations ¹ : 1,004 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 24.5% | Citations per 1000 | |
| | Passing through: | 75.5% | 18 + residents: | 183.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 970) | | | | ITP Stops ³ (N = 439) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.08 | | | | 36.88 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.5% | | | | Female 37.4% | | | |
| Male 58.4% | | | | Male 62.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 2.1% | | | | Race % Mis/Unk ⁴ 1.6% | | | |
| AA/Black 6.3% | | | | AA/Black 5.7% | | | |
| Hispanic 3.4% | | | | Hispanic 3.3% | | | |
| White 90.1% | | | | White 91.0% | | | |
| Other 0.2% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.3% | 0.0% | 6.3% | AA/Black | 6.3% | 14.4% | -8.1% |
| Hispanic | 3.4% | 2.4% | 1.0% | Hispanic | 3.4% | 14.5% | -11.1% |
| White | 90.1% | 95.2% | -5.1% | White | 90.1% | 66.4% | 23.7% |
| Other | 0.2% | 1.5% | -1.3% | Other | 0.2% | 4.6% | -4.4% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 89 | 9.3% | 11.0% | NW | 33 | 8.9% | 8.8% |
| White | 811 | 90.7% | 89.0% | White | 339 | 91.1% | 91.2% |
| Chi-square, X-tab ⁶ : .432 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .973 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .586 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.158 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|---------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 63.1% | 7.7% | 21.5% | 7.7% | NW | 0 | N/A |
| Hispanic | 55.9% | 8.8% | 26.5% | 8.8% | White | 0 | N/A |
| White | 84.6% | 4.4% | 7.7% | 3.3% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MAYNARD POLICE DEPARTMENT

| Total Citations ¹ : 752 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 21.5% | Citations per 1000 | |
| | Passing through: | 78.5% | 18 + residents: | 84.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 730) | | | | ITP Stops ³ (N = 266) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.91 | | | | 37.67 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.5% | | | | Female 34.2% | | | |
| Male 64.4% | | | | Male 65.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 3.4% | | | | Race % Mis/Unk ⁴ 2.3% | | | |
| AA/Black 6.1% | | | | AA/Black 5.0% | | | |
| Hispanic 3.5% | | | | Hispanic 4.6% | | | |
| White 87.4% | | | | White 86.5% | | | |
| Other 0.0% | | | | Other 3.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.1% | 1.3% | 4.8% | AA/Black | 6.1% | 14.4% | -8.3% |
| Hispanic | 3.5% | 3.4% | 0.1% | Hispanic | 3.5% | 14.5% | -11.0% |
| White | 87.4% | 91.9% | -4.5% | White | 87.4% | 66.4% | 21.0% |
| Other | 0.0% | 3.4% | -3.4% | Other | 0.0% | 4.6% | -4.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 79 | 9.4% | 17.4% | NW | 30 | 8.0% | 16.4% |
| White | 575 | 90.6% | 82.6% | White | 211 | 92.0% | 83.6% |
| Chi-square, X-tab ⁶ : .003* sig. | | | | Chi-square, X-tab ⁶ : .048* sig. | | | |
| Odds ratio Exp(B) ⁷ : .516* sig. | | | | Odds ratio Exp(B) ⁷ : .349* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 61.4% | 11.4% | 25.0% | 2.3% | NW | 0 | N/A |
| Hispanic | 38.5% | 19.2% | 30.8% | 11.5% | White | 1 | N/A |
| White | 60.1% | 22.0% | 16.2% | 1.7% | | | |
| Other | 81.0% | 4.8% | 14.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .003* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MEDFIELD POLICE DEPARTMENT

| Total Citations ¹ : 594 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 27.8% | Citations per 1000 | |
| | Passing through: | 72.2% | 18 + residents: | 65.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 577) | | | | ITP Stops ³ (N = 278) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.36 | | | | 28.97 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.5% | | | | Female 42.0% | | | |
| Male 55.5% | | | | Male 58.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.8% | | | | Race % Mis/Unk ⁴ 4.0% | | | |
| AA/Black 3.6% | | | | AA/Black 4.5% | | | |
| Hispanic 1.3% | | | | Hispanic 1.1% | | | |
| White 93.3% | | | | White 92.1% | | | |
| Other 1.8% | | | | Other 2.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.6% | 0.9% | 2.7% | AA/Black | 3.6% | 14.4% | -10.8% |
| Hispanic | 1.3% | 2.0% | -0.7% | Hispanic | 1.3% | 14.5% | -13.2% |
| White | 93.3% | 91.1% | 2.2% | White | 93.3% | 66.4% | 26.9% |
| Other | 1.8% | 6.1% | -4.3% | Other | 1.8% | 4.6% | -2.8% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 34 | 5.6% | 8.4% | NW | 20 | 6.7% | 9.6% |
| White | 483 | 94.4% | 91.6% | White | 230 | 93.3% | 90.4% |
| Chi-square, X-tab ⁶ : | | .219 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .400 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .764 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .798 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 66.7% | 19.0% | 4.8% | 9.5% | NW | 0 | N/A |
| Hispanic | 71.4% | 0.0% | 14.3% | 14.3% | White | 1 | N/A |
| White | 75.2% | 17.7% | 6.0% | 1.1% | | | |
| Other | 70.0% | 30.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .017* | <i>sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MEDFORD POLICE DEPARTMENT

| Total Citations ¹ : 710 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 35.5% | Citations per 1000 | |
| | Passing through: | 64.5% | 18 + residents: | 14.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 641) | | | | ITP Stops ³ (N = 255) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.5 | | | | 39.66 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.9% | | | | Female 30.4% | | | |
| Male 66.0% | | | | Male 69.2% | | | |
| Non-binary 0.2% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 4.8% | | | | Race % Mis/Unk ⁴ 3.5% | | | |
| AA/Black 14.4% | | | | AA/Black 14.6% | | | |
| Hispanic 9.3% | | | | Hispanic 12.2% | | | |
| White 68.7% | | | | White 67.0% | | | |
| Other 7.5% | | | | Other 6.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.4% | 9.2% | 5.2% | AA/Black | 14.4% | 14.4% | 0.0% |
| Hispanic | 9.3% | 0.5% | 8.8% | Hispanic | 9.3% | 14.5% | -5.2% |
| White | 68.7% | 71.1% | -2.4% | White | 68.7% | 66.4% | 2.3% |
| Other | 7.5% | 14.3% | -6.8% | Other | 7.5% | 4.6% | 2.9% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 167 | 26.4% | 40.4% | NW | 70 | 29.2% | 37.0% |
| White | 374 | 73.6% | 59.6% | White | 148 | 70.8% | 63.0% |
| Chi-square, X-tab ⁶ : .001* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .231 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .497* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .497 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 61.6% | 19.2% | 16.2% | 3.0% | NW | 1 | N/A |
| Hispanic | 46.2% | 18.5% | 33.8% | 1.5% | White | 5 | N/A |
| White | 54.6% | 30.2% | 12.7% | 2.4% | | | |
| Other | 60.0% | 32.0% | 8.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MEDWAY POLICE DEPARTMENT

| Total Citations ¹ : 1,720 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 25.8% | Citations per 1000 | |
| | Passing through: | 74.2% | 18 + residents: | 169.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,689) | | | | ITP Stops ³ (N = 402) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 42.29 | | | | 39.6 | | | |
| Gender % | | | | Gender % | | | |
| Female 46.7% | | | | Female 40.4% | | | |
| Male 53.3% | | | | Male 59.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.4% | | | | Race % Mis/Unk ⁴ 0.2% | | | |
| AA/Black 2.1% | | | | AA/Black 2.2% | | | |
| Hispanic 5.0% | | | | Hispanic 6.7% | | | |
| White 89.7% | | | | White 87.8% | | | |
| Other 3.2% | | | | Other 3.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.1% | 2.8% | -0.7% | AA/Black | 2.1% | 14.4% | -12.3% |
| Hispanic | 5.0% | 2.6% | 2.4% | Hispanic | 5.0% | 14.5% | -9.5% |
| White | 89.7% | 90.0% | -0.3% | White | 89.7% | 66.4% | 23.3% |
| Other | 3.2% | 6.1% | -2.9% | Other | 3.2% | 4.6% | -1.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 165 | 9.8% | 13.7% | NW | 41 | 11.2% | 12.9% |
| White | 1,470 | 90.2% | 86.3% | White | 312 | 88.8% | 87.1% |
| Chi-square, X-tab ⁶ : | | .148 | not sig. | Chi-square, X-tab ⁶ : | | .661 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .673 | not sig. | Odds ratio Exp(B) ⁷ : | | .834 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 91.4% | 2.9% | 5.7% | 0.0% | NW | 0 | N/A |
| Hispanic | 74.7% | 4.6% | 18.4% | 2.3% | White | 0 | N/A |
| White | 93.9% | 2.2% | 3.4% | 0.4% | | | |
| Other | 94.4% | 1.9% | 3.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MELROSE POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 265 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 18.7% | Citations per 1000 | | | | |
| | Passing through: | | 81.3% | 18 + residents: 11.1 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 219) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 39.11 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 38.8% | | | | Female N/A | | | | |
| Male 61.2% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 12.3% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 7.8% | | | | AA/Black N/A | | | | |
| Hispanic 4.2% | | | | Hispanic N/A | | | | |
| White 83.3% | | | White N/A | | | | | |
| Other 4.7% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 7.8% | 3.4% | N/A | | AA/Black | 7.8% | 14.4% | -6.6% |
| Hispanic | 4.2% | 3.5% | N/A | | Hispanic | 4.2% | 14.5% | -10.3% |
| White | 83.3% | 80.8% | N/A | | White | 83.3% | 66.4% | 16.9% |
| Other | 4.7% | 12.8% | N/A | | Other | 4.7% | 4.6% | 0.1% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 30 | 17.1% | 15.7% | | NW | N/A | N/A | N/A |
| White | 150 | 82.9% | 84.3% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .824 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .920 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 61.9% | 4.8% | 28.6% | 4.8% | NW | 1 | N/A | |
| Hispanic | 33.3% | 0.0% | 66.7% | 0.0% | White | 2 | N/A | |
| White | 68.6% | 14.1% | 16.2% | 1.0% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .003* sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MENDON POLICE DEPARTMENT

| Total Citations ¹ : 411 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 13.2% | Citations per 1000 | |
| | Passing through: | 86.8% | 18 + residents: | 86.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 381) | | | | ITP Stops ³ (N = 149) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.46 | | | | 35.48 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.2% | | | | Female 30.6% | | | |
| Male 66.8% | | | | Male 69.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | Race % Mis/Unk ⁴ 2.7% | | | |
| AA/Black 5.1% | | | | AA/Black 6.9% | | | |
| Hispanic 7.5% | | | | Hispanic 6.9% | | | |
| White 86.8% | | | | White 86.2% | | | |
| Other 0.5% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.1% | 0.1% | 5.0% | AA/Black | 5.1% | 14.4% | -9.3% |
| Hispanic | 7.5% | 2.3% | 5.2% | Hispanic | 7.5% | 14.5% | -7.0% |
| White | 86.8% | 92.3% | -5.5% | White | 86.8% | 66.4% | 20.4% |
| Other | 0.5% | 5.3% | -4.8% | Other | 0.5% | 4.6% | -4.1% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 48 | 12.6% | 16.7% | NW | 19 | 10.8% | 29.6% |
| White | 306 | 87.4% | 83.3% | White | 110 | 89.2% | 70.4% |
| Chi-square, X-tab ⁶ : .341 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .014* <i>sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .862 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .755 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 52.6% | 21.1% | 26.3% | 0.0% | NW | 0 | N/A |
| Hispanic | 35.3% | 17.6% | 44.1% | 2.9% | White | 3 | N/A |
| White | 63.9% | 18.5% | 15.9% | 1.7% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .017* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MERRIMAC POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|----------|-----------|----------|
| Total Citations ¹ : 372 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 26.3% | Citations per 1000 | | | | |
| | Passing through: | | 73.7% | 18 + residents: 69 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 366) | | | | ITP Stops ³ (N = 140) | | | | |
| Mean age | | | | Mean age | | | | |
| 40.15 | | | | 40.04 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 45.2% | | | | Female 48.6% | | | | |
| Male 54.5% | | | | Male 51.4% | | | | |
| Non-binary 0.3% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 1.4% | | | | |
| AA/Black 3.4% | | | | AA/Black 3.6% | | | | |
| Hispanic 6.7% | | | | Hispanic 5.1% | | | | |
| White 89.1% | | | White 90.6% | | | | | |
| Other 0.8% | | | Other 0.7% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 3.4% | 0.0% | 3.4% | | AA/Black | 3.4% | 14.4% | -11.0% |
| Hispanic | 6.7% | 1.4% | 5.3% | | Hispanic | 6.7% | 14.5% | -7.8% |
| White | 89.1% | 92.4% | -3.3% | | White | 89.1% | 66.4% | 22.7% |
| Other | 0.8% | 6.2% | -5.4% | | Other | 0.8% | 4.6% | -3.8% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 35 | 10.5% | 11.0% | | NW | N/A | N/A | N/A |
| White | 291 | 89.5% | 89.0% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .867 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.079 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 91.7% | 0.0% | 8.3% | 0.0% | NW | 0 | N/A | |
| Hispanic | 58.3% | 16.7% | 20.8% | 4.2% | White | 3 | N/A | |
| White | 84.9% | 4.6% | 9.0% | 1.5% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .127 | | not sig. | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

METHUEN POLICE DEPARTMENT

| Total Citations ¹ : 1,762 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 28.7% | Citations per 1000 | |
| | Passing through: | 71.3% | 18 + residents: | 43.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,554) | | | | ITP Stops ³ (N = 800) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.32 | | | | 34.74 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.0% | | | | Female 32.2% | | | |
| Male 65.0% | | | | Male 67.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 22.8% | | | | Race % Mis/Unk ⁴ 31.4% | | | |
| AA/Black 3.4% | | | | AA/Black 3.3% | | | |
| Hispanic 52.4% | | | | Hispanic 48.5% | | | |
| White 42.8% | | | | White 46.6% | | | |
| Other 1.4% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.4% | 4.3% | -0.9% | AA/Black | 3.4% | 14.4% | -11.0% |
| Hispanic | 52.4% | 29.5% | 22.9% | Hispanic | 52.4% | 14.5% | 37.9% |
| White | 42.8% | 60.9% | -18.1% | White | 42.8% | 66.4% | -23.6% |
| Other | 1.4% | 8.3% | -6.9% | Other | 1.4% | 4.6% | -3.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 647 | 56.1% | 61.7% | NW | 263 | 52.7% | 56.6% |
| White | 471 | 43.9% | 38.3% | White | 223 | 47.3% | 43.4% |
| Chi-square, X-tab ⁶ : .080 not sig. | | | | Chi-square, X-tab ⁶ : .405 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .778 not sig. | | | | Odds ratio Exp(B) ⁷ : .902 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 70.0% | 10.0% | 20.0% | 0.0% | NW | 3 | N/A |
| Hispanic | 55.0% | 33.9% | 9.5% | 1.6% | White | 5 | N/A |
| White | 71.1% | 20.2% | 7.0% | 1.7% | | | |
| Other | 63.2% | 26.3% | 10.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MIDDLEBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 462 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 34.2% | Citations per 1000 | |
| | Passing through: | 65.8% | 18 + residents: | 22.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 326) | | | | ITP Stops ³ (N = 92) | | | |
|----------------------------------|--|--|--|---------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.02 | | | | 34.68 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.0% | | | | Female 24.4% | | | |
| Male 71.0% | | | | Male 75.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 10.0% | | | | AA/Black 14.4% | | | |
| Hispanic 0.9% | | | | Hispanic 1.1% | | | |
| White 88.4% | | | | White 83.3% | | | |
| Other 0.6% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.0% | 2.1% | 7.9% | AA/Black | 10.0% | 14.4% | -4.4% |
| Hispanic | 0.9% | 3.0% | -2.1% | Hispanic | 0.9% | 14.5% | -13.6% |
| White | 88.4% | 92.2% | -3.8% | White | 88.4% | 66.4% | 22.0% |
| Other | 0.6% | 2.0% | -1.4% | Other | 0.6% | 4.6% | -4.0% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|----|--------------|-----------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 33 | 11.6% | 12.1% | NW | 14 | 15.4% | 21.4% |
| White | 246 | 88.4% | 87.9% | White | 66 | 84.6% | 78.6% |
| Chi-square, X-tab ⁶ : | | .901 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .497 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .934 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .621 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|-----------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 32.6% | 14.0% | 44.2% | 9.3% | NW | 1 | N/A |
| Hispanic | 25.0% | 50.0% | 25.0% | 0.0% | White | 4 | N/A |
| White | 35.5% | 18.4% | 33.3% | 12.9% | | | |
| Other | 0.0% | 50.0% | 0.0% | 50.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .358 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MIDDLETON POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|--------------|
| Total Citations ¹ : 201 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 11.8% | Citations per 1000 | | | | |
| | Passing through: | | 88.2% | 18 + residents: 24.5 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 170) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 33.83 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 25.6% | | | | Female N/A | | | | |
| Male 74.4% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 6.0% | | | | AA/Black N/A | | | | |
| Hispanic 12.7% | | | | Hispanic N/A | | | | |
| White 78.3% | | | White N/A | | | | | |
| Other 3.0% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 6.0% | 1.5% | N/A | | AA/Black | 6.0% | 14.4% | -8.4% |
| Hispanic | 12.7% | 6.2% | N/A | | Hispanic | 12.7% | 14.5% | -1.8% |
| White | 78.3% | 90.3% | N/A | | White | 78.3% | 66.4% | 11.9% |
| Other | 3.0% | 4.7% | N/A | | Other | 3.0% | 4.6% | -1.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 34 | 21.4% | 23.5% | | NW | N/A | N/A | N/A |
| White | 117 | 78.6% | 76.5% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .766 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .980 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 72.7% | 18.2% | 9.1% | 0.0% | NW | 0 | N/A | |
| Hispanic | 40.7% | 11.1% | 37.0% | 11.1% | White | 2 | N/A | |
| White | 57.5% | 26.8% | 13.1% | 2.6% | | | | |
| Other | 83.3% | 0.0% | 16.7% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : .016* sig. | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MILFORD POLICE DEPARTMENT

| Total Citations ¹ : 1,879 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 47.1% | Citations per 1000 | |
| | Passing through: | 52.9% | 18 + residents: | 84 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,657) | | | | ITP Stops ³ (N = 401) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.82 | | | | 34.98 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.0% | | | | Female 20.1% | | | |
| Male 68.0% | | | | Male 79.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.5% | | | | Race % Mis/Unk ⁴ 2.2% | | | |
| AA/Black 4.0% | | | | AA/Black 4.3% | | | |
| Hispanic 10.3% | | | | Hispanic 13.5% | | | |
| White 83.2% | | | | White 81.4% | | | |
| Other 2.5% | | | | Other 0.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.0% | 2.3% | 1.7% | AA/Black | 4.0% | 14.4% | -10.4% |
| Hispanic | 10.3% | 14.0% | -3.7% | Hispanic | 10.3% | 14.5% | -4.2% |
| White | 83.2% | 73.8% | 9.4% | White | 83.2% | 66.4% | 16.8% |
| Other | 2.5% | 5.4% | -2.9% | Other | 2.5% | 4.6% | -2.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 258 | 16.2% | 21.0% | NW | 64 | 17.3% | 20.1% |
| White | 1,235 | 83.8% | 79.0% | White | 283 | 82.7% | 79.9% |
| Chi-square, X-tab ⁶ : .042* sig. | | | | Chi-square, X-tab ⁶ : .504 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .786 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.279 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 70.7% | 5.3% | 20.0% | 4.0% | NW | 4 | N/A |
| Hispanic | 33.3% | 2.7% | 55.6% | 8.4% | White | 4 | N/A |
| White | 70.2% | 3.4% | 22.4% | 4.0% | | | |
| Other | 92.7% | 0.0% | 7.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MILLBURY POLICE DEPARTMENT

| Total Citations ¹ : 352 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 25.2% | Citations per 1000 | |
| | Passing through: | 74.8% | 18 + residents: | 31.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 326) | | | | ITP Stops ³ (N = 142) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.18 | | | | 38.02 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.6% | | | | Female 35.9% | | | |
| Male 63.4% | | | | Male 64.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 9.2% | | | | AA/Black 9.4% | | | |
| Hispanic 7.9% | | | | Hispanic 6.5% | | | |
| White 80.0% | | | | White 80.6% | | | |
| Other 2.9% | | | | Other 3.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.2% | 1.4% | 7.8% | AA/Black | 9.2% | 14.4% | -5.2% |
| Hispanic | 7.9% | 1.2% | 6.7% | Hispanic | 7.9% | 14.5% | -6.6% |
| White | 80.0% | 91.1% | -11.1% | White | 80.0% | 66.4% | 13.6% |
| Other | 2.9% | 5.4% | -2.5% | Other | 2.9% | 4.6% | -1.7% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|---|----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 56 | 15.4% | 27.2% | NW | 24 | 13.7% | 23.6% |
| White | 220 | 84.6% | 72.8% | White | 99 | 86.3% | 76.4% |
| Chi-square, X-tab ⁶ : .017* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .173 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .495* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .446 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 50.0% | 10.0% | 36.7% | 3.3% | NW | 0 | N/A |
| Hispanic | 52.0% | 16.0% | 32.0% | 0.0% | White | 3 | N/A |
| White | 65.2% | 12.3% | 15.6% | 6.9% | | | |
| Other | 66.7% | 22.2% | 11.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .099 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MILLIS POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 460 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 16.3% | Citations per 1000 | | | | |
| | Passing through: | | 83.7% | 18 + residents: 70.9 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 443) | | | | ITP Stops ³ (N = 137) | | | | |
| Mean age | | | | Mean age | | | | |
| 38.44 | | | | 36.78 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 33.7% | | | | Female 25.7% | | | | |
| Male 66.3% | | | | Male 74.3% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 7.4% | | | | Race % Mis/Unk ⁴ 6.6% | | | | |
| AA/Black 2.4% | | | | AA/Black 3.9% | | | | |
| Hispanic 5.9% | | | | Hispanic 7.0% | | | | |
| White 91.5% | | | White 88.3% | | | | | |
| Other 0.2% | | | Other 0.8% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 2.4% | 2.3% | 0.1% | | AA/Black | 2.4% | 14.4% | -12.0% |
| Hispanic | 5.9% | 2.3% | 3.6% | | Hispanic | 5.9% | 14.5% | -8.6% |
| White | 91.5% | 92.9% | -1.4% | | White | 91.5% | 66.4% | 25.1% |
| Other | 0.2% | 1.7% | -1.5% | | Other | 0.2% | 4.6% | -4.4% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 35 | 7.5% | 14.7% | | NW | N/A | N/A | N/A |
| White | 365 | 92.5% | 85.3% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .056 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .603 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 50.0% | 30.0% | 20.0% | 0.0% | NW | 2 | N/A | |
| Hispanic | 45.8% | 4.2% | 45.8% | 4.2% | White | 0 | N/A | |
| White | 66.2% | 13.0% | 16.4% | 4.3% | | | | |
| Other | 50.0% | 0.0% | 0.0% | 50.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .001* sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MILLVILLE POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------------|---------------|--------------|-----------------------------------|--|--------------|--------------|--------------|
| Total Citations ¹ : 216 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: 7.5% | | | Citations per 1000 | | | | |
| | Passing through: 92.5% | | | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 212) | | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | | Mean age | | | |
| 32.22 | | | | | N/A | | | |
| Gender % | | | | | Gender % | | | |
| Female 38.8% | | | | | Female N/A | | | |
| Male 61.2% | | | | | Male N/A | | | |
| Non-binary 0.0% | | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 5.7% | | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 6.0% | | | | | AA/Black N/A | | | |
| Hispanic 7.0% | | | | | Hispanic N/A | | | |
| White 86.0% | | | | White N/A | | | | |
| Other 1.0% | | | | Other N/A | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 6.0% | N/A | N/A | | AA/Black | 6.0% | 14.4% | -8.4% |
| Hispanic | 7.0% | N/A | N/A | | Hispanic | 7.0% | 14.5% | -7.5% |
| White | 86.0% | N/A | N/A | | White | 86.0% | 66.4% | 19.6% |
| Other | 1.0% | N/A | N/A | | Other | 1.0% | 4.6% | -3.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 26 | 9.0% | 28.9% | | NW | N/A | N/A | N/A |
| White | 163 | 91.0% | 71.1% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .001* | sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .255* | sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 58.3% | 8.3% | 33.3% | 0.0% | NW | 1 | N/A | |
| Hispanic | 35.7% | 28.6% | 35.7% | 0.0% | White | 0 | N/A | |
| White | 59.1% | 22.2% | 16.5% | 2.3% | | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : .120 | | | | not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MILTON POLICE DEPARTMENT

| Total Citations ¹ : 774 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 20.8% | Citations per 1000 | |
| | Passing through: | 79.2% | 18 + residents: | 37.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 675) | | | | ITP Stops ³ (N = 251) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.27 | | | | 38.36 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.0% | | | | Female 32.9% | | | |
| Male 63.0% | | | | Male 67.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.9% | | | | Race % Mis/Unk ⁴ 0.4% | | | |
| AA/Black 46.4% | | | | AA/Black 45.2% | | | |
| Hispanic 12.0% | | | | Hispanic 14.8% | | | |
| White 38.5% | | | | White 37.2% | | | |
| Other 3.1% | | | | Other 2.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 46.4% | 15.1% | 31.3% | AA/Black | 46.4% | 14.4% | 32.0% |
| Hispanic | 12.0% | 3.2% | 8.8% | Hispanic | 12.0% | 14.5% | -2.5% |
| White | 38.5% | 71.7% | -33.2% | White | 38.5% | 66.4% | -27.9% |
| Other | 3.1% | 10.6% | -7.5% | Other | 3.1% | 4.6% | -1.5% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 371 | 54.9% | 75.0% | NW | 134 | 42.0% | 73.5% |
| White | 236 | 45.1% | 25.0% | White | 83 | 58.0% | 26.5% |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .463* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .341* <i>sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|---------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 75.6% | 9.4% | 13.9% | 1.1% | NW | 2 | N/A |
| Hispanic | 66.3% | 7.6% | 23.9% | 2.2% | White | 1 | N/A |
| White | 83.9% | 7.1% | 7.9% | 1.1% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .002* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MONSON POLICE DEPARTMENT

| Total Citations ¹ : 710 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 29.8% | Citations per 1000 | |
| | Passing through: | 70.2% | 18 + residents: | 98.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 681) | | | | ITP Stops ³ (N = 255) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.29 | | | | 36.08 | | | |
| Gender % | | | | Gender % | | | |
| Female 26.1% | | | | Female 18.9% | | | |
| Male 73.9% | | | | Male 81.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| 1.5% | | | | 0.4% | | | |
| AA/Black 5.2% | | | | AA/Black 6.7% | | | |
| Hispanic 5.2% | | | | Hispanic 5.5% | | | |
| White 89.1% | | | | White 87.4% | | | |
| Other 0.4% | | | | Other 0.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.2% | 1.1% | 4.1% | AA/Black | 5.2% | 14.4% | -9.2% |
| Hispanic | 5.2% | 1.5% | 3.7% | Hispanic | 5.2% | 14.5% | -9.3% |
| White | 89.1% | 95.9% | -6.8% | White | 89.1% | 66.4% | 22.7% |
| Other | 0.4% | 2.0% | -1.6% | Other | 0.4% | 4.6% | -4.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 67 | 9.6% | 15.3% | NW | 30 | 12.2% | 15.7% |
| White | 510 | 90.4% | 84.7% | White | 196 | 87.8% | 84.3% |
| Chi-square, X-tab ⁶ : .040* sig. | | | | Chi-square, X-tab ⁶ : .469 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .567* sig. | | | | Odds ratio Exp(B) ⁷ : .903 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|---------------|--------------|--------------|--------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 36.1% | 13.9% | 33.3% | 16.7% | NW | 5 | N/A |
| Hispanic | 29.3% | 14.6% | 41.5% | 14.6% | White | 10 | N/A |
| White | 57.4% | 20.0% | 12.4% | 10.2% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MONTAGUE POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|----------|---------------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 447 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 13.3% | Citations per 1000 | | | | |
| | Passing through: | | 86.8% | 18 + residents: 64.4 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 401) | | | | ITP Stops ³ (N = 177) | | | | |
| Mean age | | | | Mean age | | | | |
| 36.9 | | | | 36.14 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 39.2% | | | | Female 40.1% | | | | |
| Male 60.3% | | | | Male 59.9% | | | | |
| Non-binary 0.5% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 4.7% | | | | Race % Mis/Unk ⁴ 3.4% | | | | |
| AA/Black 4.7% | | | | AA/Black 5.3% | | | | |
| Hispanic 2.1% | | | Hispanic 2.3% | | | | | |
| White 92.7% | | | White 92.4% | | | | | |
| Other 0.5% | | | Other 0.0% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 4.7% | 1.9% | 2.8% | | AA/Black | 4.7% | 14.4% | -9.7% |
| Hispanic | 2.1% | 4.2% | -2.1% | | Hispanic | 2.1% | 14.5% | -12.4% |
| White | 92.7% | 88.9% | 3.8% | | White | 92.7% | 66.4% | 26.3% |
| Other | 0.5% | 5.5% | -5.0% | | Other | 0.5% | 4.6% | -4.1% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 23 | 7.5% | 6.0% | | NW | N/A | N/A | N/A |
| White | 311 | 92.5% | 94.0% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .609 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.195 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 77.8% | 0.0% | 22.2% | 0.0% | NW | 0 | N/A | |
| Hispanic | 72.7% | 18.2% | 9.1% | 0.0% | White | 1 | N/A | |
| White | 85.8% | 4.8% | 9.2% | 0.3% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .476 not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NAHANT POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 213 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 26.2% | Citations per 1000 | | | | |
| | Passing through: | | 73.8% | 18 + residents: 17.2 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 172) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 38.94 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 32.2% | | | | Female N/A | | | | |
| Male 67.8% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 4.8% | | | | AA/Black N/A | | | | |
| Hispanic 13.8% | | | | Hispanic N/A | | | | |
| White 79.6% | | | White N/A | | | | | |
| Other 1.8% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 4.8% | 1.3% | N/A | | AA/Black | 4.8% | 14.4% | -9.6% |
| Hispanic | 13.8% | 2.0% | N/A | | Hispanic | 13.8% | 14.5% | -0.7% |
| White | 79.6% | 89.3% | N/A | | White | 79.6% | 66.4% | 13.2% |
| Other | 1.8% | 7.0% | N/A | | Other | 1.8% | 4.6% | -2.8% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 26 | 20.0% | 23.1% | | NW | N/A | N/A | N/A |
| White | 60 | 80.0% | 76.9% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .724 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .965 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 45.5% | 9.1% | 45.5% | 0.0% | NW | 0 | N/A | |
| Hispanic | 16.0% | 32.0% | 52.0% | 0.0% | White | 0 | N/A | |
| White | 50.6% | 11.3% | 29.2% | 8.9% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : .005* sig. | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NANTUCKET POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 371 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 69.7% | Citations per 1000 | | | | |
| | Passing through: | | 30.3% | 18 + residents: 41 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 320) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 35.7 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 21.6% | | | | Female N/A | | | | |
| Male 78.4% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 3.8% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 9.7% | | | AA/Black N/A | | | | | |
| Hispanic 6.2% | | | Hispanic N/A | | | | | |
| White 84.1% | | | White N/A | | | | | |
| Other 0.0% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 9.7% | 7.8% | N/A | | AA/Black | 9.7% | 14.4% | -4.7% |
| Hispanic | 6.2% | 4.2% | N/A | | Hispanic | 6.2% | 14.5% | -8.3% |
| White | 84.1% | 85.2% | N/A | | White | 84.1% | 66.4% | 17.7% |
| Other | 0.0% | 4.1% | N/A | | Other | 0.0% | 4.6% | -4.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 40 | 12.3% | 19.2% | | NW | N/A | N/A | N/A |
| White | 218 | 87.7% | 80.8% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .130 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .418* | sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 10.0% | 20.0% | 70.0% | 0.0% | NW | 0 | N/A | |
| Hispanic | 5.0% | 45.0% | 50.0% | 0.0% | White | 0 | N/A | |
| White | 10.4% | 37.2% | 52.0% | 0.3% | | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | | | | | |
| .384 | | | | not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NATICK POLICE DEPARTMENT

| Total Citations ¹ : 1,906 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 23.4% | Citations per 1000 | |
| | Passing through: | 76.6% | 18 + residents: | 69.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,500) | | | | ITP Stops ³ (N = 357) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.24 | | | | 38.8 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.1% | | | | Female 35.1% | | | |
| Male 63.8% | | | | Male 64.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.1% | | | | Race % Mis/Unk ⁴ 2.8% | | | |
| AA/Black 14.7% | | | | AA/Black 17.6% | | | |
| Hispanic 9.6% | | | | Hispanic 8.1% | | | |
| White 67.9% | | | | White 66.9% | | | |
| Other 7.8% | | | | Other 7.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.7% | 1.9% | 12.8% | AA/Black | 14.7% | 14.4% | 0.3% |
| Hispanic | 9.6% | 4.1% | 5.5% | Hispanic | 9.6% | 14.5% | -4.9% |
| White | 67.9% | 78.9% | -11.0% | White | 67.9% | 66.4% | 1.5% |
| Other | 7.8% | 15.0% | -7.2% | Other | 7.8% | 4.6% | 3.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 443 | 30.1% | 41.5% | NW | 105 | 34.5% | 33.6% |
| White | 907 | 69.9% | 58.5% | White | 202 | 65.5% | 66.4% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .872 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .629* sig. | | | | Odds ratio Exp(B) ⁷ : 1.195 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 57.1% | 17.3% | 21.7% | 3.9% | NW | 4 | N/A |
| Hispanic | 42.9% | 23.4% | 29.7% | 4.0% | White | 19 | N/A |
| White | 65.1% | 20.2% | 13.1% | 1.7% | | | |
| Other | 66.7% | 26.8% | 4.1% | 2.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NEEDHAM POLICE DEPARTMENT

| Total Citations ¹ : 2,184 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 31.3% | Citations per 1000 | |
| | Passing through: | 68.7% | 18 + residents: | 95.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,027) | | | | ITP Stops ³ (N = 666) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.45 | | | | 41.36 | | | |
| Gender % | | | | Gender % | | | |
| Female 47.6% | | | | Female 43.4% | | | |
| Male 52.4% | | | | Male 56.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 2.6% | | | |
| AA/Black 6.4% | | | | AA/Black 7.2% | | | |
| Hispanic 7.8% | | | | Hispanic 9.6% | | | |
| White 77.2% | | | | White 75.3% | | | |
| Other 8.6% | | | | Other 7.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.4% | 2.9% | 3.5% | AA/Black | 6.4% | 14.4% | -8.0% |
| Hispanic | 7.8% | 3.2% | 4.6% | Hispanic | 7.8% | 14.5% | -6.7% |
| White | 77.2% | 82.6% | -5.4% | White | 77.2% | 66.4% | 10.8% |
| Other | 8.6% | 11.4% | -2.8% | Other | 8.6% | 4.6% | 4.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 439 | 22.6% | 24.5% | NW | 152 | 24.2% | 27.6% |
| White | 1,480 | 77.4% | 75.5% | White | 447 | 75.8% | 72.4% |
| Chi-square, X-tab ⁶ : .448 not sig. | | | | Chi-square, X-tab ⁶ : .354 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .977 not sig. | | | | Odds ratio Exp(B) ⁷ : .888 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 82.1% | 10.0% | 7.9% | 0.0% | NW | 4 | N/A |
| Hispanic | 72.9% | 8.2% | 18.2% | 0.6% | White | 3 | N/A |
| White | 88.2% | 8.3% | 2.9% | 0.6% | | | |
| Other | 92.2% | 6.1% | 1.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NEW BEDFORD POLICE DEPARTMENT

| Total Citations ¹ : 3,502 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 71.8% | Citations per 1000 | |
| | Passing through: | 28.2% | 18 + residents: | 47.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,765) | | | | ITP Stops ³ (N = 906) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.47 | | | | 36.34 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.7% | | | | Female 32.2% | | | |
| Male 64.2% | | | | Male 67.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.7% | | | | Race % Mis/Unk ⁴ 1.9% | | | |
| AA/Black 22.7% | | | | AA/Black 22.9% | | | |
| Hispanic 11.3% | | | | Hispanic 11.9% | | | |
| White 65.4% | | | | White 64.5% | | | |
| Other 0.7% | | | | Other 0.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 22.7% | 7.0% | 15.7% | AA/Black | 22.7% | 14.4% | 8.3% |
| Hispanic | 11.3% | 20.8% | -9.5% | Hispanic | 11.3% | 14.5% | -3.2% |
| White | 65.4% | 60.5% | 4.9% | White | 65.4% | 66.4% | -1.0% |
| Other | 0.7% | 6.8% | -6.1% | Other | 0.7% | 4.6% | -3.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 812 | 33.1% | 36.8% | NW | 286 | 35.3% | 35.8% |
| White | 1,530 | 66.9% | 63.2% | White | 519 | 64.7% | 64.2% |
| Chi-square, X-tab ⁶ : | | .060 | not sig. | Chi-square, X-tab ⁶ : | | .889 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .841 | not sig. | Odds ratio Exp(B) ⁷ : | | .878 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 34.1% | 15.5% | 41.2% | 9.2% | NW | 15 | N/A |
| Hispanic | 33.3% | 16.5% | 38.8% | 11.3% | White | 7 | N/A |
| White | 45.8% | 14.8% | 32.7% | 6.7% | | | |
| Other | 52.4% | 14.3% | 23.8% | 9.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NEW MARLBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 295 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 10.0% | Citations per 1000 | |
| | Passing through: | 90.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 280) | | | | ITP Stops ³ (N = 137) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.79 | | | | 38.61 | | | |
| Gender % | | | | Gender % | | | |
| Female 28.7% | | | | Female 27.7% | | | |
| Male 71.3% | | | | Male 72.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 7.6% | | | | AA/Black 9.8% | | | |
| Hispanic 4.0% | | | | Hispanic 5.3% | | | |
| White 86.5% | | | | White 82.0% | | | |
| Other 1.8% | | | | Other 3.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.6% | N/A | N/A | AA/Black | 7.6% | 14.4% | -6.8% |
| Hispanic | 4.0% | N/A | N/A | Hispanic | 4.0% | 14.5% | -10.5% |
| White | 86.5% | N/A | N/A | White | 86.5% | 66.4% | 20.1% |
| Other | 1.8% | N/A | N/A | Other | 1.8% | 4.6% | -2.8% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|----|--------------|-----------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 33 | 13.1% | 12.5% | NW | 20 | 17.2% | 16.1% |
| White | 222 | 86.9% | 87.5% | White | 98 | 82.8% | 83.9% |
| Chi-square, X-tab ⁶ : | | .911 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .887 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | 1.120 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .976 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|-----------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 31.8% | 31.8% | 31.8% | 4.5% | NW | 1 | N/A |
| Hispanic | 18.2% | 72.7% | 9.1% | 0.0% | White | 0 | N/A |
| White | 41.7% | 44.8% | 11.9% | 1.6% | | | |
| Other | 0.0% | 60.0% | 40.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .054 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NEWBURY POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|--------------|--------------|---|--------------|--------------|---------------|
| Total Citations ¹ : 386 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 10.9% | | | Citations per 1000 | | | |
| | Passing through: 89.1% | | | 18 + residents: 72.1 | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 369) | | | | ITP Stops ³ (N = 110) | | | |
| Mean age | | | | Mean age | | | |
| 37.2 | | | | 34.07 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.6% | | | | Female 37.6% | | | |
| Male 59.9% | | | | Male 61.5% | | | |
| Non-binary 0.5% | | | | Non-binary 0.9% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 1.7% | | | | AA/Black 1.9% | | | |
| Hispanic 4.4% | | | | Hispanic 6.5% | | | |
| White 92.3% | | | | White 88.0% | | | |
| Other 1.7% | | | | Other 3.7% | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 1.7% | 1.0% | 0.7% | AA/Black | 1.7% | 14.4% | -12.7% |
| Hispanic | 4.4% | 3.0% | 1.4% | Hispanic | 4.4% | 14.5% | -10.1% |
| White | 92.3% | 92.1% | 0.2% | White | 92.3% | 66.4% | 25.9% |
| Other | 1.7% | 2.8% | -1.1% | Other | 1.7% | 4.6% | -2.9% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 27 | 9.6% | 5.5% | NW | N/A | N/A | N/A |
| White | 309 | 90.4% | 94.5% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .185 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.901 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 12.5% | 37.5% | 50.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 11.1% | 50.0% | 38.9% | 0.0% | White | 0 | N/A |
| White | 41.8% | 38.3% | 17.6% | 2.3% | | | |
| Other | 42.9% | 28.6% | 28.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | | | | |
| .081 not sig. | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NEWBURYPORT POLICE DEPARTMENT

| Total Citations ¹ : 361 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | |
|---|-------------------------|--------------|--------------|---|--------------|-------------------|
| | Intown motorist: | | 35.6% | Citations per 1000 | | |
| | Passing through: | | 64.4% | 18 + residents: 24.9 | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | |
| All Stops ² (N = 327) | | | | ITP Stops ³ (N = 134) | | |
| Mean age | | | | Mean age | | |
| 42.02 | | | | 40.96 | | |
| Gender % | | | | Gender % | | |
| Female 47.1% | | | | Female 44.8% | | |
| Male 52.9% | | | | Male 55.2% | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | |
| Race % Mis/Unk ⁴ 3.4% | | | | Race % Mis/Unk ⁴ 3.0% | | |
| AA/Black 4.1% | | | | AA/Black 4.6% | | |
| Hispanic 5.4% | | | | Hispanic 6.2% | | |
| White 88.9% | | | | White 87.7% | | |
| Other 1.6% | | | | Other 1.5% | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | |
| Comparative Analyses | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg %Dif |
| AA/Black | 4.1% | 1.7% | 2.4% | AA/Black | 4.1% | 14.4% |
| Hispanic | 5.4% | 2.8% | 2.6% | Hispanic | 5.4% | 14.5% |
| White | 88.9% | 92.4% | -3.5% | White | 88.9% | 66.4% |
| Other | 1.6% | 3.9% | -2.3% | Other | 1.6% | 4.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | |
| VoD Analyses | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | |
| Race | N | Daylight | Darkness | Race | N | Daylight Darkness |
| NW | 33 | 10.3% | 13.2% | NW | N/A | N/A |
| White | 266 | 89.7% | 86.8% | White | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .494 | not sig. | Chi-square, X-tab ⁶ : | | N/A N/A |
| Odds ratio Exp(B) ⁷ : | | .569 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? |
| AA/Black | 46.2% | 15.4% | 23.1% | 15.4% | NW | 0 |
| Hispanic | 68.4% | 10.5% | 21.1% | 0.0% | White | 1 |
| White | 59.8% | 21.2% | 13.5% | 5.5% | | |
| Other | 80.0% | 0.0% | 20.0% | 0.0% | | |
| Chi-square, X-tab ⁶ : | | .496 | not sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NEWTON POLICE DEPARTMENT

| Total Citations ¹ : 1,976 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 38.9% | Citations per 1000 | |
| | Passing through: | 61.1% | 18 + residents: | 28.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,818) | | | | ITP Stops ³ (N = 797) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.34 | | | | 42.02 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.6% | | | | Female 40.1% | | | |
| Male 58.4% | | | | Male 59.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 4.6% | | | | Race % Mis/Unk ⁴ 2.8% | | | |
| AA/Black 9.3% | | | | AA/Black 8.6% | | | |
| Hispanic 6.7% | | | | Hispanic 5.4% | | | |
| White 74.6% | | | | White 76.1% | | | |
| Other 9.4% | | | | Other 9.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.3% | 3.0% | 6.3% | AA/Black | 9.3% | 14.4% | -5.1% |
| Hispanic | 6.7% | 4.9% | 1.8% | Hispanic | 6.7% | 14.5% | -7.8% |
| White | 74.6% | 73.7% | 0.9% | White | 74.6% | 66.4% | 8.2% |
| Other | 9.4% | 18.4% | -9.0% | Other | 9.4% | 4.6% | 4.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 416 | 24.5% | 30.0% | NW | 173 | 21.9% | 30.3% |
| White | 1,204 | 75.5% | 70.0% | White | 539 | 78.1% | 69.7% |
| Chi-square, X-tab ⁶ : .034* sig. | | | | Chi-square, X-tab ⁶ : .018* sig. | | | |
| Odds ratio Exp(B) ⁷ : .718* sig. | | | | Odds ratio Exp(B) ⁷ : .622 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 83.3% | 6.3% | 9.8% | 0.6% | NW | 3 | N/A |
| Hispanic | 68.8% | 5.6% | 23.6% | 2.1% | White | 5 | N/A |
| White | 87.1% | 7.1% | 5.6% | 0.2% | | | |
| Other | 84.5% | 7.5% | 6.3% | 1.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORFOLK POLICE DEPARTMENT

| Total Citations ¹ : 1,013 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 22.3% | Citations per 1000 | |
| | Passing through: | 77.7% | 18 + residents: | 107.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 967) | | | | ITP Stops ³ (N = 451) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.36 | | | | 36.64 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.7% | | | | Female 31.6% | | | |
| Male 67.3% | | | | Male 68.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.1% | | | | Race % Mis/Unk ⁴ 2.9% | | | |
| AA/Black 6.8% | | | | AA/Black 4.8% | | | |
| Hispanic 8.2% | | | | Hispanic 8.4% | | | |
| White 81.9% | | | | White 83.3% | | | |
| Other 3.1% | | | | Other 3.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.8% | 7.4% | -0.6% | AA/Black | 6.8% | 14.4% | -7.6% |
| Hispanic | 8.2% | 7.6% | 0.6% | Hispanic | 8.2% | 14.5% | -6.3% |
| White | 81.9% | 83.2% | -1.3% | White | 81.9% | 66.4% | 15.5% |
| Other | 3.1% | 3.1% | 0.0% | Other | 3.1% | 4.6% | -1.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 163 | 15.1% | 28.4% | NW | 67 | 16.1% | 16.7% |
| White | 746 | 84.9% | 71.6% | White | 346 | 83.9% | 83.3% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .920 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .443* | sig. | Odds ratio Exp(B) ⁷ : | | 1.490 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 59.1% | 10.6% | 18.2% | 12.1% | NW | 0 | N/A |
| Hispanic | 31.2% | 5.2% | 49.4% | 14.3% | White | 0 | N/A |
| White | 77.2% | 8.6% | 7.3% | 6.9% | | | |
| Other | 93.1% | 6.9% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTH ADAMS POLICE DEPARTMENT

| Total Citations ¹ : 496 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 57.6% | Citations per 1000 | |
| | Passing through: | 42.4% | 18 + residents: | 47.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 396) | | | | ITP Stops ³ (N = 135) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.28 | | | | 34.44 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.8% | | | | Female 40.3% | | | |
| Male 62.9% | | | | Male 59.0% | | | |
| Non-binary 0.3% | | | | Non-binary 0.7% | | | |
| Race % Mis/Unk ⁴ 3.3% | | | | Race % Mis/Unk ⁴ 3.7% | | | |
| AA/Black 9.4% | | | | AA/Black 10.8% | | | |
| Hispanic 1.6% | | | | Hispanic 1.5% | | | |
| White 88.8% | | | | White 86.9% | | | |
| Other 0.3% | | | | Other 0.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.4% | 1.7% | 7.7% | AA/Black | 9.4% | 14.4% | -5.0% |
| Hispanic | 1.6% | 6.6% | -5.0% | Hispanic | 1.6% | 14.5% | -12.9% |
| White | 88.8% | 86.0% | 2.8% | White | 88.8% | 66.4% | 22.4% |
| Other | 0.3% | 6.9% | -6.6% | Other | 0.3% | 4.6% | -4.3% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 39 | 8.8% | 15.0% | NW | 16 | 16.7% | 12.5% |
| White | 282 | 91.2% | 85.0% | White | 98 | 83.3% | 87.5% |
| Chi-square, X-tab ⁶ : .088 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .537 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .523 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .794 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 26.2% | 9.5% | 57.1% | 7.1% | NW | 1 | N/A |
| Hispanic | 75.0% | 0.0% | 25.0% | 0.0% | White | 3 | N/A |
| White | 45.0% | 13.0% | 33.7% | 8.3% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .109 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NORTH ANDOVER POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|----------|-----------|-------|----------|----------|
| Total Citations ¹ : 508 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 26.8% | Citations per 1000 | | | | | | |
| | Passing through: | | 73.2% | 18 + residents: 21.5 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 478) | | | | ITP Stops ³ (N = 112) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 35.95 | | | | 35.21 | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 32.6% | | | | Female 23.6% | | | | | | |
| Male 67.4% | | | | Male 76.4% | | | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | | | |
| Race % Mis/Unk ⁴ 4.6% | | | | Race % Mis/Unk ⁴ 6.3% | | | | | | |
| AA/Black 5.7% | | | | AA/Black 6.7% | | | | | | |
| Hispanic 26.1% | | | | Hispanic 21.0% | | | | | | |
| White 64.7% | | | White 70.5% | | | | | | | |
| Other 3.5% | | | Other 1.9% | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 5.7% | 3.6% | 2.1% | | AA/Black | 5.7% | 14.4% | -8.7% | | |
| Hispanic | 26.1% | 7.6% | 18.5% | | Hispanic | 26.1% | 14.5% | 11.6% | | |
| White | 64.7% | 81.1% | -16.4% | | White | 64.7% | 66.4% | -1.7% | | |
| Other | 3.5% | 8.5% | -5.0% | | Other | 3.5% | 4.6% | -1.1% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | 148 | 36.4% | 31.7% | | | NW | N/A | N/A | N/A | |
| White | 269 | 63.6% | 68.3% | | | White | N/A | N/A | N/A | |
| Chi-square, X-tab ⁶ : | | .424 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | 1.212 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 53.6% | 25.0% | 21.4% | 0.0% | NW | 0 | N/A | | | |
| Hispanic | 55.6% | 21.8% | 14.5% | 8.1% | White | 0 | N/A | | | |
| White | 57.6% | 23.4% | 14.2% | 4.7% | | | | | | |
| Other | 56.3% | 25.0% | 12.5% | 6.3% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .861 | | not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTH ATTLEBORO POLICE DEPARTMENT

| Total Citations ¹ : 769 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 32.4% | Citations per 1000 | |
| | Passing through: | 67.6% | 18 + residents: | 34.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 488) | | | | ITP Stops ³ (N = 162) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.28 | | | | 35.97 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.5% | | | | Female 31.5% | | | |
| Male 62.1% | | | | Male 67.9% | | | |
| Non-binary 0.4% | | | | Non-binary 0.6% | | | |
| Race % Mis/Unk ⁴ 5.5% | | | | Race % Mis/Unk ⁴ 3.1% | | | |
| AA/Black 13.9% | | | | AA/Black 15.9% | | | |
| Hispanic 11.5% | | | | Hispanic 10.8% | | | |
| White 72.7% | | | | White 71.3% | | | |
| Other 2.0% | | | | Other 1.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.9% | 2.0% | 11.9% | AA/Black | 13.9% | 14.4% | -0.5% |
| Hispanic | 11.5% | 5.6% | 5.9% | Hispanic | 11.5% | 14.5% | -3.0% |
| White | 72.7% | 84.2% | -11.5% | White | 72.7% | 66.4% | 6.3% |
| Other | 2.0% | 9.1% | -7.1% | Other | 2.0% | 4.6% | -2.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 117 | 24.0% | 32.7% | NW | 37 | 29.0% | 20.5% |
| White | 296 | 76.0% | 67.3% | White | 102 | 71.0% | 79.5% |
| Chi-square, X-tab ⁶ : | | .051 | not sig. | Chi-square, X-tab ⁶ : | | .309 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .620* | sig. | Odds ratio Exp(B) ⁷ : | | 1.785 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 34.8% | 27.0% | 34.8% | 3.4% | NW | 2 | N/A |
| Hispanic | 29.3% | 25.3% | 38.7% | 6.7% | White | 3 | N/A |
| White | 32.7% | 32.9% | 26.9% | 7.6% | | | |
| Other | 50.0% | 21.4% | 28.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .265 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NORTH READING POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|--------------|----------|----------|
| Total Citations ¹ : 213 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 26.2% | Citations per 1000 | | | | | | |
| | Passing through: | | 73.8% | 18 + residents: 17.2 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 172) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 38.94 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 32.2% | | | | Female N/A | | | | | | |
| Male 67.8% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 4.8% | | | | AA/Black N/A | | | | | | |
| Hispanic 13.8% | | | | Hispanic N/A | | | | | | |
| White 79.6% | | | White N/A | | | | | | | |
| Other 1.8% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 4.8% | 1.3% | N/A | | AA/Black | 4.8% | 14.4% | -9.6% | | |
| Hispanic | 13.8% | 2.0% | N/A | | Hispanic | 13.8% | 14.5% | -0.7% | | |
| White | 79.6% | 89.3% | N/A | | White | 79.6% | 66.4% | 13.2% | | |
| Other | 1.8% | 7.0% | N/A | | Other | 1.8% | 4.6% | -2.8% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | 31 | 20.0% | 23.1% | | NW | N/A | N/A | N/A | | |
| White | 120 | 80.0% | 76.9% | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | .724 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | .965 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 45.5% | 9.1% | 45.5% | 0.0% | NW | 0 | N/A | | | |
| Hispanic | 16.0% | 32.0% | 52.0% | 0.0% | White | 0 | N/A | | | |
| White | 50.6% | 11.3% | 29.2% | 8.9% | | | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .005* sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTHAMPTON POLICE DEPARTMENT

| Total Citations ¹ : 1,494 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 26.5% | Citations per 1000 | |
| | Passing through: | 73.5% | 18 + residents: | 62.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,359) | | | | ITP Stops ³ (N = 441) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.96 | | | | 37.58 | | | |
| Gender % | | | | Gender % | | | |
| Female 45.1% | | | | Female 48.2% | | | |
| Male 54.9% | | | | Male 51.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.8% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 6.2% | | | | AA/Black 5.7% | | | |
| Hispanic 1.9% | | | | Hispanic 2.3% | | | |
| White 90.7% | | | | White 90.5% | | | |
| Other 1.2% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.2% | 2.2% | 4.0% | AA/Black | 6.2% | 14.4% | -8.2% |
| Hispanic | 1.9% | 8.7% | -6.8% | Hispanic | 1.9% | 14.5% | -12.6% |
| White | 90.7% | 82.2% | 8.5% | White | 90.7% | 66.4% | 24.3% |
| Other | 1.2% | 7.7% | -6.5% | Other | 1.2% | 4.6% | -3.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 115 | 7.4% | 11.4% | NW | 33 | 8.7% | 8.2% |
| White | 1,146 | 92.6% | 88.6% | White | 354 | 91.3% | 91.8% |
| Chi-square, X-tab ⁶ : .015* sig. | | | | Chi-square, X-tab ⁶ : .866 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .607* sig. | | | | Odds ratio Exp(B) ⁷ : .860 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 46.2% | 16.5% | 25.3% | 12.1% | NW | 0 | N/A |
| Hispanic | 43.3% | 10.0% | 43.3% | 3.3% | White | 2 | N/A |
| White | 69.4% | 14.0% | 12.2% | 4.3% | | | |
| Other | 66.7% | 19.0% | 9.5% | 4.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000 sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTHBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 3,295 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 21.7% | Citations per 1000 | |
| | Passing through: | 78.3% | 18 + residents: | 285.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,152) | | | | ITP Stops ³ (N = 1,118) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.73 | | | | 38.89 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.6% | | | | Female 41.3% | | | |
| Male 57.4% | | | | Male 58.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.4% | | | | Race % Mis/Unk ⁴ 0.2% | | | |
| AA/Black 8.5% | | | | AA/Black 8.9% | | | |
| Hispanic 10.8% | | | | Hispanic 10.2% | | | |
| White 68.8% | | | | White 66.6% | | | |
| Other 11.9% | | | | Other 14.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.5% | 3.2% | 5.3% | AA/Black | 8.5% | 14.4% | -5.9% |
| Hispanic | 10.8% | 2.7% | 8.1% | Hispanic | 10.8% | 14.5% | -3.7% |
| White | 68.8% | 82.7% | -13.9% | White | 68.8% | 66.4% | 2.4% |
| Other | 11.9% | 11.6% | 0.3% | Other | 11.9% | 4.6% | 7.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 940 | 27.3% | 42.9% | NW | 335 | 33.6% | 32.3% |
| White | 2,089 | 72.7% | 57.1% | White | 674 | 66.4% | 67.7% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .700 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .472* | sig. | Odds ratio Exp(B) ⁷ : | | .897 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 75.6% | 15.4% | 7.9% | 1.1% | NW | 4 | N/A |
| Hispanic | 67.0% | 17.6% | 12.6% | 2.7% | White | 0 | N/A |
| White | 81.1% | 14.6% | 3.2% | 1.1% | | | |
| Other | 83.5% | 14.1% | 2.1% | 0.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000 | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTHBRIDGE POLICE DEPARTMENT

| Total Citations ¹ : 939 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 15.1% | Citations per 1000 | |
| | Passing through: | 84.9% | 18 + residents: | 72.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 897) | | | | ITP Stops ³ (N = 462) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.23 | | | | 35.73 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.4% | | | | Female 33.8% | | | |
| Male 63.6% | | | | Male 66.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ 2.6% | | | |
| AA/Black 5.0% | | | | AA/Black 4.7% | | | |
| Hispanic 7.5% | | | | Hispanic 8.4% | | | |
| White 85.7% | | | | White 84.7% | | | |
| Other 1.8% | | | | Other 2.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.0% | 2.0% | 3.0% | AA/Black | 5.0% | 14.4% | -9.4% |
| Hispanic | 7.5% | 6.2% | 1.3% | Hispanic | 7.5% | 14.5% | -7.0% |
| White | 85.7% | 87.4% | -1.7% | White | 85.7% | 66.4% | 19.3% |
| Other | 1.8% | 5.3% | -3.5% | Other | 1.8% | 4.6% | -2.8% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 109 | 11.7% | 15.6% | NW | 53 | 13.6% | 12.2% |
| White | 723 | 88.3% | 84.4% | White | 351 | 86.4% | 87.8% |
| Chi-square, X-tab ⁶ : .114 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .709 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .620* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .829 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 78.3% | 2.2% | 10.9% | 8.7% | NW | 0 | N/A |
| Hispanic | 74.2% | 4.5% | 13.6% | 7.6% | White | 0 | N/A |
| White | 83.4% | 3.5% | 7.5% | 5.6% | | | |
| Other | 81.3% | 0.0% | 12.5% | 6.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .688 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NORTHFIELD POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|--------------|-------------|---|--------------|--------------|---------------|
| Total Citations ¹ : 395 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 9.0% | | | Citations per 1000 | | | |
| | Passing through: 91.0% | | | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 389) | | | | ITP Stops ³ (N = 124) | | | |
| Mean age | | | | Mean age | | | |
| 39.69 | | | | 38.6 | | | |
| Gender % | | | | Gender % | | | |
| Female 28.9% | | | | Female 25.8% | | | |
| Male 71.1% | | | | Male 74.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 2.4% | | | |
| AA/Black 2.9% | | | | AA/Black 5.0% | | | |
| Hispanic 1.6% | | | | Hispanic 1.7% | | | |
| White 93.8% | | | | White 93.4% | | | |
| Other 1.8% | | | | Other 0.0% | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 2.9% | N/A | N/A | AA/Black | 2.9% | 14.4% | -11.5% |
| Hispanic | 1.6% | N/A | N/A | Hispanic | 1.6% | 14.5% | -12.9% |
| White | 93.8% | N/A | N/A | White | 93.8% | 66.4% | 27.4% |
| Other | 1.8% | N/A | N/A | Other | 1.8% | 4.6% | -2.8% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 90.9% | 0.0% | 9.1% | 0.0% | NW | 0 | N/A |
| Hispanic | 50.0% | 50.0% | 0.0% | 0.0% | White | 0 | N/A |
| White | 72.9% | 20.5% | 6.3% | 0.3% | | | |
| Other | 87.5% | 12.5% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .602 | | | | not sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTON POLICE DEPARTMENT

| Total Citations ¹ : 672 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 34.7% | Citations per 1000 | |
| | Passing through: | 65.3% | 18 + residents: | 40.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 619) | | | | ITP Stops ³ (N = 237) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.69 | | | | 37.66 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.8% | | | | Female 33.9% | | | |
| Male 60.2% | | | | Male 66.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.4% | | | | Race % Mis/Unk ⁴ 4.6% | | | |
| AA/Black 5.6% | | | | AA/Black 6.6% | | | |
| Hispanic 3.0% | | | | Hispanic 4.4% | | | |
| White 89.4% | | | | White 87.6% | | | |
| Other 2.0% | | | | Other 1.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.6% | 4.1% | 1.5% | AA/Black | 5.6% | 14.4% | -8.8% |
| Hispanic | 3.0% | 2.7% | 0.3% | Hispanic | 3.0% | 14.5% | -11.5% |
| White | 89.4% | 90.3% | -0.9% | White | 89.4% | 66.4% | 23.0% |
| Other | 2.0% | 3.0% | -1.0% | Other | 2.0% | 4.6% | -2.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 61 | 10.4% | 12.8% | NW | 28 | 13.8% | 12.5% |
| White | 485 | 89.6% | 87.2% | White | 181 | 86.2% | 87.5% |
| Chi-square, X-tab ⁶ : | | .416 | not sig. | Chi-square, X-tab ⁶ : | | .800 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .793 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.241 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 82.5% | 7.5% | 7.5% | 2.5% | NW | 0 | N/A |
| Hispanic | 57.1% | 14.3% | 14.3% | 14.3% | White | 2 | N/A |
| White | 84.0% | 7.9% | 6.8% | 1.2% | | | |
| Other | 92.3% | 7.7% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .002 * | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NORWELL POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 286 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 27.8% | Citations per 1000 | | | | |
| | Passing through: | | 72.2% | 18 + residents: 35.3 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 266) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 39.38 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 50.8% | | | | Female N/A | | | | |
| Male 49.2% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 1.9% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 2.7% | | | | AA/Black N/A | | | | |
| Hispanic 4.6% | | | | Hispanic N/A | | | | |
| White 90.4% | | | White N/A | | | | | |
| Other 2.3% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 2.7% | 0.3% | N/A | | AA/Black | 2.7% | 14.4% | -11.7% |
| Hispanic | 4.6% | 2.3% | N/A | | Hispanic | 4.6% | 14.5% | -9.9% |
| White | 90.4% | 94.5% | N/A | | White | 90.4% | 66.4% | 24.0% |
| Other | 2.3% | 2.7% | N/A | | Other | 2.3% | 4.6% | -2.3% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 25 | 9.4% | 12.5% | | NW | N/A | N/A | N/A |
| White | 226 | 90.6% | 87.5% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .514 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .606 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 57.1% | 14.3% | 28.6% | 0.0% | NW | 0 | N/A | |
| Hispanic | 69.2% | 0.0% | 30.8% | 0.0% | White | 0 | N/A | |
| White | 83.5% | 4.3% | 10.6% | 1.6% | | | | |
| Other | 83.3% | 16.7% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | | | | | |
| .219 not sig. | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORWOOD POLICE DEPARTMENT

| Total Citations ¹ : 1,409 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 37.2% | Citations per 1000 | |
| | Passing through: | 62.8% | 18 + residents: | 59.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,279) | | | | ITP Stops ³ (N = 552) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.62 | | | | 41.28 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.7% | | | | Female 38.9% | | | |
| Male 63.2% | | | | Male 61.1% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 14.9% | | | | AA/Black 16.0% | | | |
| Hispanic 10.7% | | | | Hispanic 9.0% | | | |
| White 67.1% | | | | White 66.4% | | | |
| Other 7.4% | | | | Other 8.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.9% | 7.2% | 7.7% | AA/Black | 14.9% | 14.4% | 0.5% |
| Hispanic | 10.7% | 6.8% | 3.9% | Hispanic | 10.7% | 14.5% | -3.8% |
| White | 67.1% | 80.4% | -13.3% | White | 67.1% | 66.4% | 0.7% |
| Other | 7.4% | 7.1% | 0.3% | Other | 7.4% | 4.6% | 2.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 390 | 29.0% | 37.8% | NW | 160 | 32.5% | 33.5% |
| White | 807 | 71.0% | 62.2% | White | 324 | 67.5% | 66.5% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .830 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .640* sig. | | | | Odds ratio Exp(B) ⁷ : .598 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 74.9% | 9.7% | 14.0% | 1.4% | NW | 6 | N/A |
| Hispanic | 60.0% | 10.6% | 22.5% | 6.9% | White | 13 | N/A |
| White | 81.7% | 8.1% | 7.1% | 3.1% | | | |
| Other | 88.8% | 7.1% | 4.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT OAK BLUFFS POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 275 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 31.0% | Citations per 1000 | | | | |
| | Passing through: | | 69.0% | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 204) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 38.43 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 32.0% | | | | Female N/A | | | | |
| Male 68.0% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 5.4% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 13.5% | | | | AA/Black N/A | | | | |
| Hispanic 1.6% | | | | Hispanic N/A | | | | |
| White 85.0% | | | White N/A | | | | | |
| Other 0.0% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 13.5% | N/A | N/A | | AA/Black | 13.5% | 14.4% | -0.9% |
| Hispanic | 1.6% | N/A | N/A | | Hispanic | 1.6% | 14.5% | -12.9% |
| White | 85.0% | N/A | N/A | | White | 85.0% | 66.4% | 18.6% |
| Other | 0.0% | N/A | N/A | | Other | 0.0% | 4.6% | -4.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 26 | 11.6% | 20.0% | | NW | N/A | N/A | N/A |
| White | 158 | 88.4% | 80.0% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .136 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .548 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 54.5% | 9.1% | 24.2% | 12.1% | NW | 1 | N/A | |
| Hispanic | 25.0% | 25.0% | 50.0% | 0.0% | White | 8 | N/A | |
| White | 39.9% | 14.3% | 29.6% | 16.1% | | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

OAKHAM POLICE DEPARTMENT

| Total Citations ¹ : 510 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 3.8% | Citations per 1000 | |
| | Passing through: | 96.2% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 503) | | | | ITP Stops ³ (N = 210) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.82 | | | | 36.65 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.2% | | | | Female 29.2% | | | |
| Male 61.8% | | | | Male 70.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 4.7% | | | | AA/Black 3.4% | | | |
| Hispanic 7.5% | | | | Hispanic 9.1% | | | |
| White 86.8% | | | | White 85.1% | | | |
| Other 1.0% | | | | Other 2.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.7% | N/A | N/A | AA/Black | 4.7% | 14.4% | -9.7% |
| Hispanic | 7.5% | N/A | N/A | Hispanic | 7.5% | 14.5% | -7.0% |
| White | 86.8% | N/A | N/A | White | 86.8% | 66.4% | 20.4% |
| Other | 1.0% | N/A | N/A | Other | 1.0% | 4.6% | -3.6% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 58 | 12.4% | 13.8% | NW | 26 | 14.4% | 13.6% |
| White | 391 | 87.6% | 86.2% | White | 159 | 85.6% | 86.4% |
| Chi-square, X-tab ⁶ : .667 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .870 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .892 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .884 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.9% | 8.7% | 30.4% | 0.0% | NW | 1 | N/A |
| Hispanic | 67.6% | 13.5% | 18.9% | 0.0% | White | 7 | N/A |
| White | 75.6% | 13.7% | 9.3% | 1.4% | | | |
| Other | 80.0% | 20.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .115 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ORANGE POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|---------------|------------|----------|
| Total Citations ¹ : 438 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 45.0% | Citations per 1000 | | | | | | |
| | Passing through: | | 55.0% | 18 + residents: 71.7 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 400) | | | | ITP Stops ³ (N = 141) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 36.13 | | | | 38.21 | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 42.0% | | | | Female 41.8% | | | | | | |
| Male 58.0% | | | | Male 58.2% | | | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 1.4% | | | | | | |
| AA/Black 3.3% | | | | AA/Black 2.9% | | | | | | |
| Hispanic 1.0% | | | | Hispanic 0.7% | | | | | | |
| White 94.9% | | | White 95.7% | | | | | | | |
| Other 0.8% | | | Other 0.7% | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 3.3% | 0.6% | 2.7% | | AA/Black | 3.3% | 14.4% | -11.1% | | |
| Hispanic | 1.0% | 2.5% | -1.5% | | Hispanic | 1.0% | 14.5% | -13.5% | | |
| White | 94.9% | 94.7% | 0.2% | | White | 94.9% | 66.4% | 28.5% | | |
| Other | 0.8% | 3.0% | -2.2% | | Other | 0.8% | 4.6% | -3.8% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | 18 | 5.9% | 3.5% | | | NW | N/A | N/A | N/A | |
| White | 343 | 94.1% | 96.5% | | | White | N/A | N/A | N/A | |
| Chi-square, X-tab ⁶ : | | 303 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | 1.535 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 38.5% | 0.0% | 38.5% | 23.1% | NW | 2 | N/A | | | |
| Hispanic | 75.0% | 25.0% | 0.0% | 0.0% | White | 5 | N/A | | | |
| White | 38.7% | 24.5% | 29.2% | 7.6% | | | | | | |
| Other | 66.7% | 0.0% | 0.0% | 33.3% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .102 | | not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ORLEANS POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|---------------|------------------|--|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 175 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 18.4% | Citations per 1000 | | | | |
| | Passing through: | | 81.6% | 18 + residents: 35.6 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 125) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 40.11 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 31.2% | | | | Female N/A | | | | |
| Male 68.8% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 8.3% | | | | AA/Black N/A | | | | |
| Hispanic 3.3% | | | | Hispanic N/A | | | | |
| White 87.6% | | | White N/A | | | | | |
| Other 0.8% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 8.3% | 3.6% | N/A | | AA/Black | 8.3% | 14.4% | -6.1% |
| Hispanic | 3.3% | 1.9% | N/A | | Hispanic | 3.3% | 14.5% | -11.2% |
| White | 87.6% | 93.4% | N/A | | White | 87.6% | 66.4% | 21.2% |
| Other | 0.8% | 1.8% | N/A | | Other | 0.8% | 4.6% | -3.8% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 14 | 15.0% | 10.4% | | NW | N/A | N/A | N/A |
| White | 94 | 85.0% | 89.6% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .481 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.421 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 63.6% | 9.1% | 9.1% | 18.2% | NW | 0 | N/A | |
| Hispanic | 60.0% | 0.0% | 40.0% | 0.0% | White | 0 | N/A | |
| White | 51.9% | 13.6% | 26.0% | 8.4% | | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .292 | | not sig. | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

OXFORD POLICE DEPARTMENT

| Total Citations ¹ : 684 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 17.8% | Citations per 1000 | |
| | Passing through: | 82.2% | 18 + residents: | 62.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 607) | | | | ITP Stops ³ (N = 205) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.77 | | | | 36.83 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.3% | | | | Female 30.2% | | | |
| Male 64.5% | | | | Male 69.3% | | | |
| Non-binary 0.2% | | | | Non-binary 0.5% | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ 2.0% | | | |
| AA/Black 7.6% | | | | AA/Black 5.5% | | | |
| Hispanic 5.2% | | | | Hispanic 5.5% | | | |
| White 85.0% | | | | White 87.1% | | | |
| Other 2.2% | | | | Other 2.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.6% | 2.0% | 5.6% | AA/Black | 7.6% | 14.4% | -6.8% |
| Hispanic | 5.2% | 5.6% | -0.4% | Hispanic | 5.2% | 14.5% | -9.3% |
| White | 85.0% | 87.9% | -2.9% | White | 85.0% | 66.4% | 18.6% |
| Other | 2.2% | 5.9% | -3.7% | Other | 2.2% | 4.6% | -2.4% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 75 | 11.2% | 22.8% | NW | 25 | 12.2% | 16.0% |
| White | 475 | 88.8% | 77.2% | White | 154 | 87.8% | 84.0% |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .465 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .422* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .346 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 56.5% | 6.5% | 30.4% | 6.5% | NW | 0 | N/A |
| Hispanic | 52.6% | 2.6% | 34.2% | 10.5% | White | 3 | N/A |
| White | 65.4% | 10.2% | 17.4% | 7.0% | | | |
| Other | 87.5% | 6.3% | 0.0% | 6.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .037* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PALMER POLICE DEPARTMENT

| Total Citations ¹ : 553 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 21.4% | Citations per 1000 | |
| | Passing through: | 78.6% | 18 + residents: | 55.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 437) | | | | ITP Stops ³ (N = 180) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.77 | | | | 38.47 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.5% | | | | Female 36.5% | | | |
| Male 64.5% | | | | Male 63.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.5% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 8.5% | | | | AA/Black 7.3% | | | |
| Hispanic 8.0% | | | | Hispanic 10.7% | | | |
| White 80.8% | | | | White 79.2% | | | |
| Other 2.8% | | | | Other 2.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.5% | 2.2% | 6.3% | AA/Black | 8.5% | 14.4% | -5.9% |
| Hispanic | 8.0% | 4.5% | 3.5% | Hispanic | 8.0% | 14.5% | -6.5% |
| White | 80.8% | 87.4% | -6.6% | White | 80.8% | 66.4% | 14.4% |
| Other | 2.8% | 7.1% | -4.3% | Other | 2.8% | 4.6% | -1.8% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 77 | 15.6% | 23.7% | NW | 35 | 15.8% | 28.2% |
| White | 305 | 84.4% | 76.3% | White | 131 | 84.2% | 71.8% |
| Chi-square, X-tab ⁶ : .049* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .053 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .621 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .434 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 50.0% | 12.5% | 30.0% | 7.5% | NW | 0 | N/A |
| Hispanic | 51.3% | 2.6% | 28.2% | 17.9% | White | 7 | N/A |
| White | 49.9% | 6.0% | 27.1% | 17.1% | | | |
| Other | 75.0% | 16.7% | 8.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .183 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PAXTON POLICE DEPARTMENT

| Total Citations ¹ : 1,638 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 8.5% | Citations per 1000 | |
| | Passing through: | 91.5% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,631) | | | | ITP Stops ³ (N = 534) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.88 | | | | 35.89 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.6% | | | | Female 40.3% | | | |
| Male 56.4% | | | | Male 59.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 2.6% | | | |
| AA/Black 7.5% | | | | AA/Black 4.2% | | | |
| Hispanic 8.6% | | | | Hispanic 8.1% | | | |
| White 82.2% | | | | White 86.2% | | | |
| Other 1.7% | | | | Other 1.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.5% | N/A | N/A | AA/Black | 7.5% | 14.4% | -6.9% |
| Hispanic | 8.6% | N/A | N/A | Hispanic | 8.6% | 14.5% | -5.9% |
| White | 82.2% | N/A | N/A | White | 82.2% | 66.4% | 15.8% |
| Other | 1.7% | N/A | N/A | Other | 1.7% | 4.6% | -2.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 281 | 14.7% | 25.3% | NW | 67 | 14.3% | 13.5% |
| White | 1,286 | 85.3% | 74.7% | White | 412 | 85.7% | 86.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .818 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .487* sig. | | | | Odds ratio Exp(B) ⁷ : .446* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 73.3% | 15.8% | 9.2% | 1.7% | NW | 1 | N/A |
| Hispanic | 59.4% | 9.4% | 29.7% | 1.4% | White | 3 | N/A |
| White | 77.6% | 14.4% | 7.1% | 0.9% | | | |
| Other | 71.4% | 17.9% | 10.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PEABODY POLICE DEPARTMENT

| Total Citations ¹ : 1,779 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 34.4% | Citations per 1000 | |
| | Passing through: | 65.6% | 18 + residents: | 40.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,646) | | | | ITP Stops ³ (N = 475) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.94 | | | | 37.92 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.4% | | | | Female 37.5% | | | |
| Male 60.6% | | | | Male 62.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 7.5% | | | | AA/Black 5.3% | | | |
| Hispanic 15.9% | | | | Hispanic 17.4% | | | |
| White 74.1% | | | | White 75.3% | | | |
| Other 2.5% | | | | Other 1.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.5% | 3.8% | 3.7% | AA/Black | 7.5% | 14.4% | -6.9% |
| Hispanic | 15.9% | 9.9% | 6.0% | Hispanic | 15.9% | 14.5% | 1.4% |
| White | 74.1% | 82.7% | -8.6% | White | 74.1% | 66.4% | 7.7% |
| Other | 2.5% | 4.2% | -1.7% | Other | 2.5% | 4.6% | -2.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 400 | 24.1% | 30.7% | NW | 100 | 17.9% | 32.5% |
| White | 1,161 | 75.9% | 69.3% | White | 326 | 82.1% | 67.5% |
| Chi-square, X-tab ⁶ : .013* sig. | | | | Chi-square, X-tab ⁶ : .001* sig. | | | |
| Odds ratio Exp(B) ⁷ : .832 not sig. | | | | Odds ratio Exp(B) ⁷ : .456 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 55.4% | 21.5% | 20.8% | 2.3% | NW | 1 | N/A |
| Hispanic | 44.9% | 24.6% | 26.1% | 4.3% | White | 11 | N/A |
| White | 60.2% | 17.1% | 18.4% | 4.4% | | | |
| Other | 61.0% | 24.4% | 12.2% | 2.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PEMBROKE POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 254 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 29.8% | Citations per 1000 | | | | |
| | Passing through: | | 70.2% | 18 + residents: 17.4 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 226) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 34.67 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 28.6% | | | | Female N/A | | | | |
| Male 71.4% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 4.5% | | | | AA/Black N/A | | | | |
| Hispanic 2.3% | | | | Hispanic N/A | | | | |
| White 93.2% | | | White N/A | | | | | |
| Other 0.0% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 4.5% | 0.6% | N/A | | AA/Black | 4.5% | 14.4% | -9.9% |
| Hispanic | 2.3% | 1.5% | N/A | | Hispanic | 2.3% | 14.5% | -12.2% |
| White | 93.2% | 93.5% | N/A | | White | 93.2% | 66.4% | 26.8% |
| Other | 0.0% | 3.7% | N/A | | Other | 0.0% | 4.6% | -4.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 14 | 5.9% | 11.8% | | NW | N/A | N/A | N/A |
| White | 173 | 94.1% | 88.2% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .173 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .418 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 33.3% | 16.7% | 33.3% | 16.7% | NW | 0 | N/A | |
| Hispanic | 20.0% | 40.0% | 40.0% | 0.0% | White | 9 | N/A | |
| White | 48.3% | 24.6% | 20.7% | 6.5% | | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .441 | | not sig. | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PEPPERELL POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|----------|-----------|----------|
| Total Citations ¹ : 333 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 27.9% | Citations per 1000 | | | | |
| | Passing through: | | 72.1% | 18 + residents: 34.9 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 301) | | | | ITP Stops ³ (N = 143) | | | | |
| Mean age | | | | Mean age | | | | |
| 32.89 | | | | 32.81 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 29.4% | | | | Female 27.5% | | | | |
| Male 70.6% | | | | Male 72.5% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 3.0% | | | | Race % Mis/Unk ⁴ 4.9% | | | | |
| AA/Black 4.1% | | | | AA/Black 0.0% | | | | |
| Hispanic 3.1% | | | | Hispanic 2.9% | | | | |
| White 91.8% | | | White 95.6% | | | | | |
| Other 1.0% | | | Other 1.5% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 4.1% | 0.8% | 3.3% | | AA/Black | 4.1% | 14.4% | -10.3% |
| Hispanic | 3.1% | 2.0% | 1.1% | | Hispanic | 3.1% | 14.5% | -11.4% |
| White | 91.8% | 93.0% | -1.2% | | White | 91.8% | 66.4% | 25.4% |
| Other | 1.0% | 4.1% | -3.1% | | Other | 1.0% | 4.6% | -3.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 23 | 6.8% | 11.3% | | NW | N/A | N/A | N/A |
| White | 245 | 93.2% | 88.7% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .195 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .556 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 66.7% | 8.3% | 25.0% | 0.0% | NW | 0 | N/A | |
| Hispanic | 20.0% | 10.0% | 60.0% | 10.0% | White | 0 | N/A | |
| White | 69.4% | 6.4% | 20.5% | 3.7% | | | | |
| Other | 50.0% | 0.0% | 50.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .120 | | not sig. | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PETERSHAM POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|---------------|------------------|--|--------------------------------------|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 183 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 7.9% | Citations per 1000 | | | | | | |
| | Passing through: | | 92.1% | 18 + residents: N/A | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 178) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 41.77 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 40.4% | | | | Female N/A | | | | | | |
| Male 59.6% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 0.0% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 3.4% | | | | AA/Black N/A | | | | | | |
| Hispanic 1.1% | | | | Hispanic N/A | | | | | | |
| White 94.9% | | | White N/A | | | | | | | |
| Other 0.6% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 3.4% | N/A | N/A | | AA/Black | 3.4% | 14.4% | -11.0% | | |
| Hispanic | 1.1% | N/A | N/A | | Hispanic | 1.1% | 14.5% | -13.4% | | |
| White | 94.9% | N/A | N/A | | White | 94.9% | 66.4% | 28.5% | | |
| Other | 0.6% | N/A | N/A | | Other | 0.6% | 4.6% | -4.0% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 83.3% | 16.7% | 0.0% | 0.0% | NW | 0 | N/A | | | |
| Hispanic | 0.0% | 100.0% | 0.0% | 0.0% | White | 4 | N/A | | | |
| White | 67.6% | 28.9% | 3.5% | 0.0% | | | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : .359 | | | | not sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PHILLIPSTON POLICE DEPARTMENT

| Total Citations ¹ : 132 | | ZIP Code Match Analysis | | Stop Rate by City/Town Population | | | |
|---|--------------|-------------------------|--------------|--------------------------------------|--------------|----------------------|---------------|
| | | Intown motorist: | 23.4% | Citations per 1000 | | | |
| | | Passing through: | 76.6% | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 124) | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | Mean age | | | |
| 36.16 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 37.9% | | | | Female N/A | | | |
| Male 62.1% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % | | Mis/Unk ⁴ | 4.0% | Race % | | Mis/Unk ⁴ | N/A |
| AA/Black | | 2.5% | | AA/Black | | N/A | |
| Hispanic | | 0.8% | | Hispanic | | N/A | |
| White | | 96.6% | | White | | N/A | |
| Other | | 0.0% | | Other | | N/A | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | % Dif |
| AA/Black | 2.5% | N/A | N/A | AA/Black | 2.5% | 14.4% | -11.9% |
| Hispanic | 0.8% | N/A | N/A | Hispanic | 0.8% | 14.5% | -13.7% |
| White | 96.6% | N/A | N/A | White | 96.6% | 66.4% | 30.2% |
| Other | 0.0% | N/A | N/A | Other | 0.0% | 4.6% | -4.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 33.3% | 33.3% | 33.3% | 0.0% | NW | 1 | N/A |
| Hispanic | 0.0% | 0.0% | 0.0% | 100.0% | White | 1 | N/A |
| White | 68.3% | 11.4% | 20.3% | 0.0% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .064 | | | | not sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PITTSFIELD POLICE DEPARTMENT

| Total Citations ¹ : 2,711 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 62.0% | Citations per 1000 | |
| | Passing through: | 38.0% | 18 + residents: | 78.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,501) | | | | ITP Stops ³ (N = 842) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.78 | | | | 37.97 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.3% | | | | Female 39.3% | | | |
| Male 59.7% | | | | Male 60.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.6% | | | | Race % Mis/Unk ⁴ 2.7% | | | |
| AA/Black 13.3% | | | | AA/Black 13.4% | | | |
| Hispanic 3.4% | | | | Hispanic 2.3% | | | |
| White 82.7% | | | | White 83.6% | | | |
| Other 0.5% | | | | Other 0.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.3% | 4.5% | 8.8% | AA/Black | 13.3% | 14.4% | -1.1% |
| Hispanic | 3.4% | 6.8% | -3.4% | Hispanic | 3.4% | 14.5% | -11.1% |
| White | 82.7% | 83.3% | -0.6% | White | 82.7% | 66.4% | 16.3% |
| Other | 0.5% | 6.5% | -6.0% | Other | 0.5% | 4.6% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 374 | 13.3% | 25.2% | NW | 124 | 14.8% | 19.2% |
| White | 1,863 | 86.7% | 74.8% | White | 624 | 85.2% | 80.8% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .113 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .365* sig. | | | | Odds ratio Exp(B) ⁷ : .846 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 56.6% | 16.0% | 24.9% | 2.4% | NW | 4 | N/A |
| Hispanic | 77.2% | 9.8% | 10.9% | 2.2% | White | 10 | N/A |
| White | 75.4% | 14.7% | 8.1% | 1.9% | | | |
| Other | 80.0% | 6.7% | 6.7% | 6.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PLAINVILLE POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 209 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 17.0% | Citations per 1000 | | | | |
| | Passing through: | | 83.0% | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 188) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 38.88 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 42.6% | | | | Female N/A | | | | |
| Male 57.4% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 3.7% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 4.4% | | | | AA/Black N/A | | | | |
| Hispanic 6.1% | | | | Hispanic N/A | | | | |
| White 87.8% | | | White N/A | | | | | |
| Other 1.7% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 4.4% | 4.8% | N/A | | AA/Black | 4.4% | 14.4% | -10.0% |
| Hispanic | 6.1% | 4.5% | N/A | | Hispanic | 6.1% | 14.5% | -8.4% |
| White | 87.8% | 87.9% | N/A | | White | 87.8% | 66.4% | 21.4% |
| Other | 1.7% | 4.9% | N/A | | Other | 1.7% | 4.6% | -2.9% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 22 | 14.0% | 10.6% | | NW | N/A | N/A | N/A |
| White | 151 | 86.0% | 89.4% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .513 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.581 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 55.6% | 22.2% | 22.2% | 0.0% | NW | 0 | N/A | |
| Hispanic | 75.0% | 16.7% | 8.3% | 0.0% | White | 1 | N/A | |
| White | 63.4% | 23.4% | 10.3% | 2.9% | | | | |
| Other | 25.0% | 50.0% | 25.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .804 not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PLYMOUTH POLICE DEPARTMENT

| Total Citations ¹ : 2,930 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 57.0% | Citations per 1000 | |
| | Passing through: | 43.0% | 18 + residents: | 58.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,754) | | | | ITP Stops ³ (N = 1,215) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.65 | | | | 38.67 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.3% | | | | Female 39.5% | | | |
| Male 58.6% | | | | Male 60.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 3.3% | | | | Race % Mis/Unk ⁴ 3.4% | | | |
| AA/Black 6.6% | | | | AA/Black 5.5% | | | |
| Hispanic 0.6% | | | | Hispanic 0.8% | | | |
| White 92.2% | | | | White 93.0% | | | |
| Other 0.5% | | | | Other 0.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.6% | 1.9% | 4.7% | AA/Black | 6.6% | 14.4% | -7.8% |
| Hispanic | 0.6% | 2.4% | -1.8% | Hispanic | 0.6% | 14.5% | -13.9% |
| White | 92.2% | 91.6% | 0.6% | White | 92.2% | 66.4% | 25.8% |
| Other | 0.5% | 3.8% | -3.3% | Other | 0.5% | 4.6% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 165 | 6.6% | 7.8% | NW | 68 | 7.1% | 5.8% |
| White | 2,144 | 93.4% | 92.2% | White | 964 | 92.9% | 94.2% |
| Chi-square, X-tab ⁶ : .235 not sig. | | | | Chi-square, X-tab ⁶ : .396 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .797 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.119 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 63.4% | 17.8% | 16.8% | 2.1% | NW | 3 | N/A |
| Hispanic | 41.2% | 47.1% | 11.8% | 0.0% | White | 34 | N/A |
| White | 80.5% | 11.2% | 8.0% | 0.3% | | | |
| Other | 78.6% | 21.4% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PLYMPTON POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 125 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 7.8% | Citations per 1000 | | | | | | |
| | Passing through: | | 92.2% | 18 + residents: N/A | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 102) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 32.53 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 34.7% | | | | Female N/A | | | | | | |
| Male 64.4% | | | | Male N/A | | | | | | |
| Non-binary 1.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 3.9% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 7.1% | | | | AA/Black N/A | | | | | | |
| Hispanic 3.1% | | | | Hispanic N/A | | | | | | |
| White 89.8% | | | White N/A | | | | | | | |
| Other 0.0% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 7.1% | N/A | N/A | | AA/Black | 7.1% | 14.4% | -7.3% | | |
| Hispanic | 3.1% | N/A | N/A | | Hispanic | 3.1% | 14.5% | -11.4% | | |
| White | 89.8% | N/A | N/A | | White | 89.8% | 66.4% | 23.4% | | |
| Other | 0.0% | N/A | N/A | | Other | 0.0% | 4.6% | -4.6% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 62.5% | 37.5% | 0.0% | 0.0% | NW | 1 | N/A | | | |
| Hispanic | 66.7% | 33.3% | 0.0% | 0.0% | White | 6 | N/A | | | |
| White | 45.9% | 32.1% | 19.3% | 2.8% | | | | | | |
| Other | 0.0% | 0.0% | 100.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : .572 | | | | not sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PRINCETON POLICE DEPARTMENT

| Total Citations ¹ : 431 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 10.4% | Citations per 1000 | |
| | Passing through: | 89.6% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 413) | | | | ITP Stops ³ (N = 199) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.15 | | | | 36.57 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.8% | | | | Female 32.7% | | | |
| Male 67.0% | | | | Male 67.3% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.1% | | | | Race % Mis/Unk ⁴ 4.0% | | | |
| AA/Black 5.6% | | | | AA/Black 5.8% | | | |
| Hispanic 2.8% | | | | Hispanic 3.7% | | | |
| White 89.6% | | | | White 88.5% | | | |
| Other 2.0% | | | | Other 2.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.6% | N/A | N/A | AA/Black | 5.6% | 14.4% | -8.8% |
| Hispanic | 2.8% | N/A | N/A | Hispanic | 2.8% | 14.5% | -11.7% |
| White | 89.6% | N/A | N/A | White | 89.6% | 66.4% | 23.2% |
| Other | 2.0% | N/A | N/A | Other | 2.0% | 4.6% | -2.6% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 35 | 7.7% | 13.2% | NW | 19 | 10.7% | 11.8% |
| White | 328 | 92.3% | 86.8% | White | 149 | 89.3% | 88.2% |
| Chi-square, X-tab ⁶ : .090 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .813 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .529 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .775 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.9% | 17.4% | 21.7% | 0.0% | NW | 0 | N/A |
| Hispanic | 64.3% | 21.4% | 14.3% | 0.0% | White | 0 | N/A |
| White | 76.6% | 18.3% | 3.5% | 1.6% | | | |
| Other | 55.6% | 33.3% | 11.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .015* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PROVINCETOWN POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 329 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 22.2% | Citations per 1000 | | | | |
| | Passing through: | | 77.8% | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 307) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 43.25 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 27.4% | | | | Female N/A | | | | |
| Male 72.6% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 3.3% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 13.8% | | | | AA/Black N/A | | | | |
| Hispanic 2.7% | | | | Hispanic N/A | | | | |
| White 81.8% | | | White N/A | | | | | |
| Other 2.4% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 13.8% | N/A | N/A | | AA/Black | 13.8% | 14.4% | -0.6% |
| Hispanic | 2.7% | N/A | N/A | | Hispanic | 2.7% | 14.5% | -11.8% |
| White | 81.8% | N/A | N/A | | White | 81.8% | 66.4% | 15.4% |
| Other | 2.4% | N/A | N/A | | Other | 2.4% | 4.6% | -2.2% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 53 | 14.7% | 26.9% | | NW | N/A | N/A | N/A |
| White | 221 | 85.3% | 73.1% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .013* | sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .461* | sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 46.5% | 23.3% | 20.9% | 9.3% | NW | 0 | N/A | |
| Hispanic | 22.2% | 33.3% | 33.3% | 11.1% | White | 4 | N/A | |
| White | 45.6% | 22.4% | 20.8% | 11.2% | | | | |
| Other | 85.7% | 14.3% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .612 not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

QUINCY POLICE DEPARTMENT

| Total Citations ¹ : 3,149 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 40.9% | Citations per 1000 | |
| | Passing through: | 59.1% | 18 + residents: | 39 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,891) | | | | ITP Stops ³ (N = 1,123) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.97 | | | | 39.38 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.6% | | | | Female 36.8% | | | |
| Male 62.4% | | | | Male 63.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 2.0% | | | |
| AA/Black 15.9% | | | | AA/Black 16.5% | | | |
| Hispanic 5.1% | | | | Hispanic 4.2% | | | |
| White 60.9% | | | | White 61.1% | | | |
| Other 18.1% | | | | Other 18.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 15.9% | 5.1% | 10.8% | AA/Black | 15.9% | 14.4% | 1.5% |
| Hispanic | 5.1% | 3.1% | 2.0% | Hispanic | 5.1% | 14.5% | -9.4% |
| White | 60.9% | 59.0% | 1.9% | White | 60.9% | 66.4% | -5.5% |
| Other | 18.1% | 32.6% | -14.5% | Other | 18.1% | 4.6% | 13.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 967 | 38.5% | 36.7% | NW | 387 | 41.2% | 33.0% |
| White | 1,571 | 61.5% | 63.3% | White | 621 | 58.8% | 67.0% |
| Chi-square, X-tab ⁶ : | | .446 | not sig. | Chi-square, X-tab ⁶ : | | .011* | sig. |
| Odds ratio Exp(B) ⁷ : | | 1.068 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.406 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 80.1% | 4.8% | 11.9% | 3.2% | NW | 19 | N/A |
| Hispanic | 71.0% | 3.1% | 18.5% | 7.4% | White | 14 | N/A |
| White | 85.8% | 3.7% | 8.8% | 1.7% | | | |
| Other | 89.3% | 5.5% | 5.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

RANDOLPH POLICE DEPARTMENT

| Total Citations ¹ : 971 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 36.0% | Citations per 1000 | |
| | Passing through: | 64.0% | 18 + residents: | 35.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 873) | | | | ITP Stops ³ (N = 421) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.67 | | | | 37.92 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.7% | | | | Female 31.3% | | | |
| Male 66.3% | | | | Male 68.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.4% | | | | Race % Mis/Unk ⁴ 10.7% | | | |
| AA/Black 54.5% | | | | AA/Black 50.3% | | | |
| Hispanic 13.2% | | | | Hispanic 18.1% | | | |
| White 25.0% | | | | White 24.5% | | | |
| Other 7.3% | | | | Other 7.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 54.5% | 44.7% | 9.8% | AA/Black | 54.5% | 14.4% | 40.1% |
| Hispanic | 13.2% | 8.8% | 4.4% | Hispanic | 13.2% | 14.5% | -1.3% |
| White | 25.0% | 29.4% | -4.4% | White | 25.0% | 66.4% | -41.4% |
| Other | 7.3% | 16.5% | -9.2% | Other | 7.3% | 4.6% | 2.7% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 546 | 73.3% | 78.8% | NW | 254 | 74.5% | 77.6% |
| White | 182 | 26.7% | 21.2% | White | 82 | 25.5% | 22.4% |
| Chi-square, X-tab ⁶ : | | .116 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .537 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .672 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .831 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-----------------|-------------|-------|----------|------------|
| AA/Black | 68.5% | 13.9% | 16.9% | 0.8% | NW | 2 | N/A |
| Hispanic | 69.3% | 18.4% | 12.3% | 0.0% | White | 1 | N/A |
| White | 76.1% | 11.1% | 11.9% | 0.9% | | | |
| Other | 73.4% | 17.2% | 9.4% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .289 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

RAYNHAM POLICE DEPARTMENT

| Total Citations ¹ : 423 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 13.4% | Citations per 1000 | |
| | Passing through: | 86.6% | 18 + residents: | 37.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 329) | | | | ITP Stops ³ (N = 124) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 32.7 | | | | 32.17 | | | |
| Gender % | | | | Gender % | | | |
| Female 24.5% | | | | Female 31.1% | | | |
| Male 75.5% | | | | Male 68.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.0% | | | | Race % Mis/Unk ⁴ 5.6% | | | |
| AA/Black 24.7% | | | | AA/Black 12.0% | | | |
| Hispanic 5.7% | | | | Hispanic 3.4% | | | |
| White 69.0% | | | | White 83.8% | | | |
| Other 0.6% | | | | Other 0.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 24.7% | 1.7% | 23.0% | AA/Black | 24.7% | 14.4% | 10.3% |
| Hispanic | 5.7% | 2.0% | 3.7% | Hispanic | 5.7% | 14.5% | -8.8% |
| White | 69.0% | 93.3% | -24.3% | White | 69.0% | 66.4% | 2.6% |
| Other | 0.6% | 3.2% | -2.6% | Other | 0.6% | 4.6% | -4.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 91 | 23.8% | 36.1% | NW | 17 | 11.4% | 18.2% |
| White | 204 | 76.2% | 63.9% | White | 93 | 88.6% | 81.8% |
| Chi-square, X-tab ⁶ : | | .024* | sig. | Chi-square, X-tab ⁶ : | | .332 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .507* | sig. | Odds ratio Exp(B) ⁷ : | | .543 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 24.2% | 24.2% | 37.4% | 14.1% | NW | 7 | N/A |
| Hispanic | 4.2% | 33.3% | 37.5% | 25.0% | White | 15 | N/A |
| White | 19.4% | 37.3% | 26.1% | 17.3% | | | |
| Other | 0.0% | 50.0% | 50.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .122 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

READING POLICE DEPARTMENT

| Total Citations ¹ : 734 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 25.0% | Citations per 1000 | |
| | Passing through: | 75.0% | 18 + residents: | 38.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 661) | | | | ITP Stops ³ (N = 298) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.52 | | | | 40.86 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.1% | | | | Female 37.6% | | | |
| Male 63.9% | | | | Male 62.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 0.3% | | | |
| AA/Black 7.7% | | | | AA/Black 6.1% | | | |
| Hispanic 6.1% | | | | Hispanic 6.1% | | | |
| White 83.3% | | | | White 85.5% | | | |
| Other 2.9% | | | | Other 2.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.7% | 0.4% | 7.3% | AA/Black | 7.7% | 14.4% | -6.7% |
| Hispanic | 6.1% | 3.0% | 3.1% | Hispanic | 6.1% | 14.5% | -8.4% |
| White | 83.3% | 91.1% | -7.8% | White | 83.3% | 66.4% | 16.9% |
| Other | 2.9% | 5.7% | -2.8% | Other | 2.9% | 4.6% | -1.7% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 103 | 16.2% | 18.6% | NW | 39 | 13.9% | 14.8% |
| White | 504 | 83.8% | 81.4% | White | 234 | 86.1% | 85.2% |
| Chi-square, X-tab ⁶ : | | .475 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .840 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .776 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | 1.300 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|--------------|-------|----------|------------|
| AA/Black | 75.4% | 5.3% | 19.3% | 0.0% | NW | 0 | N/A |
| Hispanic | 51.0% | 6.1% | 32.7% | 10.2% | White | 2 | N/A |
| White | 79.0% | 3.2% | 13.6% | 4.2% | | | |
| Other | 89.5% | 0.0% | 10.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .002 | <i>sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

REHOBOTH POLICE DEPARTMENT

| Total Citations ¹ : 706 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 20.0% | Citations per 1000 | |
| | Passing through: | 80.0% | 18 + residents: | 72.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 636) | | | | ITP Stops ³ (N = 257) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.59 | | | | 34.07 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.1% | | | | Female 32.2% | | | |
| Male 65.6% | | | | Male 67.1% | | | |
| Non-binary 0.3% | | | | Non-binary 0.8% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 14.5% | | | | AA/Black 10.6% | | | |
| Hispanic 2.9% | | | | Hispanic 3.1% | | | |
| White 81.0% | | | | White 85.0% | | | |
| Other 1.6% | | | | Other 1.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.5% | 0.7% | 13.8% | AA/Black | 14.5% | 14.4% | 0.1% |
| Hispanic | 2.9% | 2.8% | 0.1% | Hispanic | 2.9% | 14.5% | -11.6% |
| White | 81.0% | 92.4% | -11.4% | White | 81.0% | 66.4% | 14.6% |
| Other | 1.6% | 4.4% | -2.8% | Other | 1.6% | 4.6% | -3.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 110 | 16.4% | 24.4% | NW | 34 | 13.5% | 17.1% |
| White | 462 | 83.6% | 75.6% | White | 197 | 86.5% | 82.9% |
| Chi-square, X-tab ⁶ : .021* sig. | | | | Chi-square, X-tab ⁶ : .473 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .671 not sig. | | | | Odds ratio Exp(B) ⁷ : .400 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 45.3% | 14.7% | 36.8% | 3.2% | NW | 0 | N/A |
| Hispanic | 21.1% | 26.3% | 52.6% | 0.0% | White | 2 | N/A |
| White | 53.8% | 21.0% | 22.2% | 3.0% | | | |
| Other | 30.0% | 30.0% | 40.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .007* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

REVERE POLICE DEPARTMENT

| Total Citations ¹ : 1,589 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 34.6% | Citations per 1000 | |
| | Passing through: | 65.4% | 18 + residents: | 37.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,422) | | | | ITP Stops ³ (N = 593) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.46 | | | | 36.71 | | | |
| Gender % | | | | Gender % | | | |
| Female 28.3% | | | | Female 29.2% | | | |
| Male 71.6% | | | | Male 70.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 6.2% | | | | Race % Mis/Unk ⁴ 6.2% | | | |
| AA/Black 10.3% | | | | AA/Black 9.0% | | | |
| Hispanic 39.7% | | | | Hispanic 44.2% | | | |
| White 44.6% | | | | White 41.0% | | | |
| Other 5.4% | | | | Other 5.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.3% | 5.5% | 4.8% | AA/Black | 10.3% | 14.4% | -4.1% |
| Hispanic | 39.7% | 33.6% | 6.1% | Hispanic | 39.7% | 14.5% | 25.2% |
| White | 44.6% | 53.3% | -8.7% | White | 44.6% | 66.4% | -21.8% |
| Other | 5.4% | 10.5% | -5.1% | Other | 5.4% | 4.6% | 0.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 672 | 53.9% | 60.8% | NW | 301 | 60.7% | 58.7% |
| White | 528 | 46.1% | 39.2% | White | 200 | 39.3% | 41.3% |
| Chi-square, X-tab ⁶ : .026* sig. | | | | Chi-square, X-tab ⁶ : .675 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .723* sig. | | | | Odds ratio Exp(B) ⁷ : 1.247 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|------------|------------|
| AA/Black | 52.8% | 16.4% | 26.4% | 4.4% | NW | 105 | N/A |
| Hispanic | 48.2% | 18.4% | 31.7% | 1.7% | White | 84 | N/A |
| White | 54.3% | 21.1% | 23.5% | 1.1% | | | |
| Other | 67.6% | 23.0% | 8.1% | 1.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ROCHESTER POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|--------------|--------------|---|--------------|--------------|---------------|
| Total Citations ¹ : 439 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 15.8% | | | Citations per 1000 | | | |
| | Passing through: 84.2% | | | 18 + residents: 102.5 | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 399) | | | | ITP Stops ³ (N = 134) | | | |
| Mean age | | | | Mean age | | | |
| 34.62 | | | | 32.77 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.2% | | | | Female 24.6% | | | |
| Male 69.8% | | | | Male 75.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.0% | | | | Race % Mis/Unk ⁴ 6.0% | | | |
| AA/Black 7.0% | | | | AA/Black 8.7% | | | |
| Hispanic 3.5% | | | | Hispanic 4.8% | | | |
| White 88.9% | | | | White 86.5% | | | |
| Other 0.5% | | | | Other 0.0% | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 7.0% | 0.6% | 6.4% | AA/Black | 7.0% | 14.4% | -7.4% |
| Hispanic | 3.5% | 0.6% | 2.9% | Hispanic | 3.5% | 14.5% | -11.0% |
| White | 88.9% | 97.4% | -8.5% | White | 88.9% | 66.4% | 22.5% |
| Other | 0.5% | 1.1% | -0.6% | Other | 0.5% | 4.6% | -4.1% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 39 | 15.5% | 6.3% | NW | N/A | N/A | N/A |
| White | 296 | 84.5% | 93.7% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .009* | sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 2.457* | sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 40.7% | 18.5% | 37.0% | 3.7% | NW | 0 | N/A |
| Hispanic | 43.8% | 12.5% | 37.5% | 6.3% | White | 1 | N/A |
| White | 48.6% | 25.0% | 20.6% | 5.8% | | | |
| Other | 66.7% | 33.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .545 not sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ROCKLAND POLICE DEPARTMENT

| Total Citations ¹ : 715 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 26.9% | Citations per 1000 | |
| | Passing through: | 73.1% | 18 + residents: | 51 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 642) | | | | ITP Stops ³ (N = 275) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36 | | | | 34.72 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.9% | | | | Female 36.2% | | | |
| Male 65.1% | | | | Male 63.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.1% | | | | Race % Mis/Unk ⁴ 7.3% | | | |
| AA/Black 9.5% | | | | AA/Black 10.6% | | | |
| Hispanic 1.1% | | | | Hispanic 1.2% | | | |
| White 88.5% | | | | White 87.1% | | | |
| Other 0.8% | | | | Other 1.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.5% | 3.0% | 6.5% | AA/Black | 9.5% | 14.4% | -4.9% |
| Hispanic | 1.1% | 3.1% | -2.0% | Hispanic | 1.1% | 14.5% | -13.4% |
| White | 88.5% | 91.5% | -3.0% | White | 88.5% | 66.4% | 22.1% |
| Other | 0.8% | 1.6% | -0.8% | Other | 0.8% | 4.6% | -3.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 63 | 10.8% | 12.5% | NW | 29 | 14.3% | 11.0% |
| White | 493 | 89.2% | 87.5% | White | 193 | 85.7% | 89.0% |
| Chi-square, X-tab ⁶ : | | .554 | not sig. | Chi-square, X-tab ⁶ : | | .480 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .796 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.937 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|-------------|--------------|--------------|-------|----------|------------|
| AA/Black | 66.7% | 9.5% | 20.6% | 3.2% | NW | 1 | N/A |
| Hispanic | 14.3% | 0.0% | 57.1% | 28.6% | White | 6 | N/A |
| White | 74.0% | 6.6% | 15.0% | 4.3% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .003* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ROCKPORT POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 235 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 40.1% | Citations per 1000 | | | | |
| | Passing through: | | 59.9% | 18 + residents: 37.8 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 223) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 48.57 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 43.5% | | | | Female N/A | | | | |
| Male 56.1% | | | | Male N/A | | | | |
| Non-binary 0.4% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 0.4% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 3.2% | | | | AA/Black N/A | | | | |
| Hispanic 4.1% | | | | Hispanic N/A | | | | |
| White 91.0% | | | White N/A | | | | | |
| Other 1.8% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 3.2% | 0.1% | N/A | | AA/Black | 3.2% | 14.4% | -11.2% |
| Hispanic | 4.1% | 0.7% | N/A | | Hispanic | 4.1% | 14.5% | -10.4% |
| White | 91.0% | 96.5% | N/A | | White | 91.0% | 66.4% | 24.6% |
| Other | 1.8% | 1.2% | N/A | | Other | 1.8% | 4.6% | -2.8% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 18 | 7.7% | 15.0% | | NW | N/A | N/A | N/A |
| White | 178 | 92.3% | 85.0% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .153 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .490 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 57.1% | 14.3% | 28.6% | 0.0% | NW | 0 | N/A | |
| Hispanic | 50.0% | 25.0% | 25.0% | 0.0% | White | 0 | N/A | |
| White | 73.9% | 8.1% | 16.1% | 1.9% | | | | |
| Other | 75.0% | 0.0% | 25.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | | | | | |
| .635 | | | | not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ROWLEY POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 418 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 13.2% | Citations per 1000 | | | | |
| | Passing through: | | 86.8% | 18 + residents: 82.6 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 402) | | | | ITP Stops ³ (N = 124) | | | | |
| Mean age | | | | Mean age | | | | |
| 38.31 | | | | 39.54 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 35.3% | | | | Female 31.4% | | | | |
| Male 64.7% | | | | Male 68.6% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 1.0% | | | | Race % Mis/Unk ⁴ 0.8% | | | | |
| AA/Black 1.5% | | | | AA/Black 1.6% | | | | |
| Hispanic 9.3% | | | | Hispanic 9.8% | | | | |
| White 88.4% | | | White 88.6% | | | | | |
| Other 0.8% | | | Other 0.0% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 1.5% | 1.2% | 0.3% | | AA/Black | 1.5% | 14.4% | -12.9% |
| Hispanic | 9.3% | 0.8% | 8.5% | | Hispanic | 9.3% | 14.5% | -5.2% |
| White | 88.4% | 95.4% | -7.0% | | White | 88.4% | 66.4% | 22.0% |
| Other | 0.8% | 2.7% | -1.9% | | Other | 0.8% | 4.6% | -3.8% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 41 | 11.3% | 9.6% | | NW | N/A | N/A | N/A |
| White | 339 | 88.7% | 90.4% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .639 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.285 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 14.3% | 28.6% | 28.6% | 28.6% | NW | 0 | N/A | |
| Hispanic | 18.4% | 13.2% | 63.2% | 5.3% | White | 0 | N/A | |
| White | 48.4% | 30.1% | 16.9% | 4.6% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .000* sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ROYALSTON POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|--------------|---------------|--|--------------|--------------|---------------|
| Total Citations ¹ : 125 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 7.8% | | | Citations per 1000 | | | |
| | Passing through: 92.2% | | | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 102) | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | Mean age | | | |
| 32.53 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 34.7% | | | | Female N/A | | | |
| Male 64.4% | | | | Male N/A | | | |
| Non-binary 1.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 3.9% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 7.1% | | | | AA/Black N/A | | | |
| Hispanic 3.1% | | | | Hispanic N/A | | | |
| White 89.8% | | | | White N/A | | | |
| Other 0.0% | | | | Other N/A | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 7.1% | N/A | N/A | AA/Black | 7.1% | 14.4% | -7.3% |
| Hispanic | 3.1% | N/A | N/A | Hispanic | 3.1% | 14.5% | -11.4% |
| White | 89.8% | N/A | N/A | White | 89.8% | 66.4% | 23.4% |
| Other | 0.0% | N/A | N/A | Other | 0.0% | 4.6% | -4.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 62.5% | 37.5% | 0.0% | 0.0% | NW | 1 | N/A |
| Hispanic | 66.7% | 33.3% | 0.0% | 0.0% | White | 6 | N/A |
| White | 45.9% | 32.1% | 19.3% | 2.8% | | | |
| Other | 0.0% | 0.0% | 100.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .572 | | | | not sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT RUSSELL POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|----------|-------------|-----------------------------------|--------------------------------------|---------|-----------|--------|----------|----------|
| Total Citations ¹ : 1,209 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 7.3% | Citations per 1000 | | | | | | |
| | Passing through: | | 92.7% | 18 + residents: N/A | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 1,205) | | | | ITP Stops ³ (N = 480) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 45.19 | | | | 42.95 | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 45.8% | | | | Female 44.9% | | | | | | |
| Male 54.2% | | | | Male 55.1% | | | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | | | |
| Race % Mis/Unk ⁴ 5.8% | | | | Race % Mis/Unk ⁴ 5.4% | | | | | | |
| AA/Black 1.3% | | | | AA/Black 1.5% | | | | | | |
| Hispanic 2.6% | | | | Hispanic 1.3% | | | | | | |
| White 95.5% | | | White 96.5% | | | | | | | |
| Other 0.5% | | | Other 0.7% | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 1.3% | N/A | N/A | | AA/Black | 1.3% | 14.4% | -13.1% | | |
| Hispanic | 2.6% | N/A | N/A | | Hispanic | 2.6% | 14.5% | -11.9% | | |
| White | 95.5% | N/A | N/A | | White | 95.5% | 66.4% | 29.1% | | |
| Other | 0.5% | N/A | N/A | | Other | 0.5% | 4.6% | -4.1% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | 49 | 4.7% | 3.6% | | NW | N/A | N/A | N/A | | |
| White | 1,029 | 95.3% | 96.4% | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | .553 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | 1.190 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 66.7% | 13.3% | 20.0% | 0.0% | NW | 0 | N/A | | | |
| Hispanic | 80.0% | 13.3% | 6.7% | 0.0% | White | 3 | N/A | | | |
| White | 88.0% | 10.3% | 1.7% | 0.0% | | | | | | |
| Other | 50.0% | 33.3% | 16.7% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .000* sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

RUTLAND POLICE DEPARTMENT

| Total Citations ¹ : 943 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 22.5% | Citations per 1000 | |
| | Passing through: | 77.5% | 18 + residents: | 144.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 924) | | | | ITP Stops ³ (N = 201) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.86 | | | | 35.2 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.5% | | | | Female 30.7% | | | |
| Male 64.4% | | | | Male 69.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 6.5% | | | | AA/Black 4.0% | | | |
| Hispanic 7.5% | | | | Hispanic 9.0% | | | |
| White 83.6% | | | | White 81.9% | | | |
| Other 2.4% | | | | Other 5.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.5% | 0.0% | 6.5% | AA/Black | 6.5% | 14.4% | -7.9% |
| Hispanic | 7.5% | 3.3% | 4.2% | Hispanic | 7.5% | 14.5% | -7.0% |
| White | 83.6% | 92.1% | -8.5% | White | 83.6% | 66.4% | 17.2% |
| Other | 2.4% | 5.6% | -3.2% | Other | 2.4% | 4.6% | -2.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 147 | 14.6% | 20.1% | NW | 34 | 16.7% | 20.0% |
| White | 745 | 85.4% | 79.9% | White | 151 | 83.3% | 80.0% |
| Chi-square, X-tab ⁶ : .038* sig. | | | | Chi-square, X-tab ⁶ : .558 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .799 not sig. | | | | Odds ratio Exp(B) ⁷ : .564 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 83.1% | 3.4% | 13.6% | 0.0% | NW | 0 | N/A |
| Hispanic | 68.1% | 4.3% | 24.6% | 2.9% | White | 0 | N/A |
| White | 70.8% | 13.6% | 12.2% | 3.3% | | | |
| Other | 56.5% | 8.7% | 21.7% | 13.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SALEM POLICE DEPARTMENT

| Total Citations ¹ : 5,318 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 33.9% | Citations per 1000 | |
| | Passing through: | 66.1% | 18 + residents: | 146.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,945) | | | | ITP Stops ³ (N = 1,815) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.52 | | | | 37.3 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.3% | | | | Female 41.3% | | | |
| Male 58.6% | | | | Male 58.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 4.2% | | | | Race % Mis/Unk ⁴ 4.0% | | | |
| AA/Black 8.1% | | | | AA/Black 8.5% | | | |
| Hispanic 15.7% | | | | Hispanic 14.9% | | | |
| White 74.6% | | | | White 75.5% | | | |
| Other 1.5% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.1% | 6.6% | 1.5% | AA/Black | 8.1% | 14.4% | -6.3% |
| Hispanic | 15.7% | 17.8% | -2.1% | Hispanic | 15.7% | 14.5% | 1.2% |
| White | 74.6% | 71.8% | 2.8% | White | 74.6% | 66.4% | 8.2% |
| Other | 1.5% | 6.9% | -5.4% | Other | 1.5% | 4.6% | -3.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,104 | 21.4% | 33.6% | NW | 374 | 21.7% | 28.6% |
| White | 3,304 | 78.6% | 66.4% | White | 1,175 | 78.3% | 71.4% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .002* sig. | | | |
| Odds ratio Exp(B) ⁷ : .532* sig. | | | | Odds ratio Exp(B) ⁷ : .600* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 63.4% | 26.3% | 7.1% | 3.2% | NW | 8 | N/A |
| Hispanic | 53.5% | 36.3% | 6.2% | 4.0% | White | 4 | N/A |
| White | 59.2% | 35.4% | 3.5% | 2.0% | | | |
| Other | 57.7% | 41.0% | 1.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SALISBURY POLICE DEPARTMENT

| Total Citations ¹ : 936 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 22.5% | Citations per 1000 | |
| | Passing through: | 77.5% | 18 + residents: | 144 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 895) | | | | ITP Stops ³ (N = 463) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.32 | | | | 40.26 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.8% | | | | Female 34.0% | | | |
| Male 63.2% | | | | Male 66.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.7% | | | | Race % Mis/Unk ⁴ 1.9% | | | |
| AA/Black 2.3% | | | | AA/Black 2.0% | | | |
| Hispanic 7.9% | | | | Hispanic 8.6% | | | |
| White 88.2% | | | | White 88.1% | | | |
| Other 1.6% | | | | Other 1.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.3% | 0.7% | 1.6% | AA/Black | 2.3% | 14.4% | -12.1% |
| Hispanic | 7.9% | 3.6% | 4.3% | Hispanic | 7.9% | 14.5% | -6.6% |
| White | 88.2% | 92.8% | -4.6% | White | 88.2% | 66.4% | 21.8% |
| Other | 1.6% | 2.4% | -0.8% | Other | 1.6% | 4.6% | -3.0% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 98 | 10.5% | 13.6% | NW | 50 | 13.2% | 10.8% |
| White | 725 | 89.5% | 86.4% | White | 363 | 86.8% | 89.2% |
| Chi-square, X-tab ⁶ : | | .181 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .445 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .668 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .997 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------------|-----------|------------|
| AA/Black | 47.6% | 9.5% | 33.3% | 9.5% | NW | 1 | N/A |
| Hispanic | 60.6% | 5.6% | 25.4% | 8.5% | White | 12 | N/A |
| White | 66.5% | 16.6% | 14.6% | 2.4% | | | |
| Other | 62.5% | 6.3% | 25.0% | 6.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .001* | <i>sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SANDWICH POLICE DEPARTMENT

| Total Citations ¹ : 1,090 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 17.3% | Citations per 1000 | |
| | Passing through: | 82.7% | 18 + residents: | 65.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,029) | | | | ITP Stops ³ (N = 408) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.81 | | | | 38.78 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.0% | | | | Female 40.7% | | | |
| Male 57.0% | | | | Male 59.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.6% | | | | Race % Mis/Unk ⁴ 0.2% | | | |
| AA/Black 5.8% | | | | AA/Black 5.7% | | | |
| Hispanic 1.8% | | | | Hispanic 2.0% | | | |
| White 90.5% | | | | White 89.9% | | | |
| Other 2.0% | | | | Other 2.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.8% | 1.0% | 4.8% | AA/Black | 5.8% | 14.4% | -8.6% |
| Hispanic | 1.8% | 2.1% | -0.3% | Hispanic | 1.8% | 14.5% | -12.7% |
| White | 90.5% | 93.0% | -2.5% | White | 90.5% | 66.4% | 24.1% |
| Other | 2.0% | 2.8% | -0.8% | Other | 2.0% | 4.6% | -2.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 95 | 7.9% | 14.0% | NW | 40 | 8.8% | 13.5% |
| White | 864 | 92.1% | 86.0% | White | 319 | 91.2% | 86.5% |
| Chi-square, X-tab ⁶ : .003* sig. | | | | Chi-square, X-tab ⁶ : .162 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .499* sig. | | | | Odds ratio Exp(B) ⁷ : .875 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 47.6% | 17.5% | 30.2% | 4.8% | NW | 0 | N/A |
| Hispanic | 68.4% | 5.3% | 15.8% | 10.5% | White | 3 | N/A |
| White | 66.5% | 16.1% | 12.0% | 5.4% | | | |
| Other | 85.0% | 10.0% | 5.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .004* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SAUGUS POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|--------------|
| Total Citations ¹ : 275 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 20.7% | Citations per 1000 | | | | |
| | Passing through: | | 79.3% | 18 + residents: 11.7 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 193) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 35.52 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 23.8% | | | | Female N/A | | | | |
| Male 76.2% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 5.2% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 12.6% | | | | AA/Black N/A | | | | |
| Hispanic 8.7% | | | | Hispanic N/A | | | | |
| White 77.0% | | | White N/A | | | | | |
| Other 1.6% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 12.6% | 2.1% | N/A | | AA/Black | 12.6% | 14.4% | -1.8% |
| Hispanic | 8.7% | 8.6% | N/A | | Hispanic | 8.7% | 14.5% | -5.8% |
| White | 77.0% | 83.3% | N/A | | White | 77.0% | 66.4% | 10.6% |
| Other | 1.6% | 5.8% | N/A | | Other | 1.6% | 4.6% | -3.0% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 38 | 18.1% | 28.4% | | NW | N/A | N/A | N/A |
| White | 122 | 81.9% | 71.6% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .126 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .557 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 35.7% | 17.9% | 46.4% | 0.0% | NW | 4 | N/A | |
| Hispanic | 22.2% | 7.4% | 63.0% | 7.4% | White | 11 | N/A | |
| White | 22.0% | 24.0% | 50.0% | 4.0% | | | | |
| Other | 75.0% | 0.0% | 0.0% | 25.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .023* sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SCITUATE POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|---------|-----------|--------|----------|----------|
| Total Citations ¹ : 193 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 58.4% | Citations per 1000 | | | | | | |
| | Passing through: | | 41.6% | 18 + residents: 13 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 161) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 37.16 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 35.4% | | | | Female N/A | | | | | | |
| Male 64.6% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 12.4% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 0.7% | | | | AA/Black N/A | | | | | | |
| Hispanic 2.8% | | | | Hispanic N/A | | | | | | |
| White 95.0% | | | White N/A | | | | | | | |
| Other 1.4% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 0.7% | 0.7% | 0.0% | | AA/Black | 0.7% | 14.4% | -13.7% | | |
| Hispanic | 2.8% | 1.0% | 1.8% | | Hispanic | 2.8% | 14.5% | -11.7% | | |
| White | 95.0% | 95.3% | -0.3% | | White | 95.0% | 66.4% | 28.6% | | |
| Other | 1.4% | 1.6% | -0.2% | | Other | 1.4% | 4.6% | -3.2% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | N/A | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | N/A | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 50.0% | 0.0% | 0.0% | 50.0% | NW | 0 | N/A | | | |
| Hispanic | 20.0% | 0.0% | 80.0% | 0.0% | White | 2 | N/A | | | |
| White | 47.2% | 23.3% | 15.3% | 14.1% | | | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : .020* sig. | | | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SEEKONK POLICE DEPARTMENT

| Total Citations ¹ : 1,612 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 20.7% | Citations per 1000 | |
| | Passing through: | 79.3% | 18 + residents: | 130.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,356) | | | | ITP Stops ³ (N = 479) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.32 | | | | 37.18 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.1% | | | | Female 31.1% | | | |
| Male 64.9% | | | | Male 68.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.0% | | | | Race % Mis/Unk ⁴ 0.6% | | | |
| AA/Black 13.8% | | | | AA/Black 11.1% | | | |
| Hispanic 6.3% | | | | Hispanic 5.7% | | | |
| White 79.0% | | | | White 82.1% | | | |
| Other 0.9% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.8% | 1.0% | 12.8% | AA/Black | 13.8% | 14.4% | -0.6% |
| Hispanic | 6.3% | 2.5% | 3.8% | Hispanic | 6.3% | 14.5% | -8.2% |
| White | 79.0% | 92.3% | -13.3% | White | 79.0% | 66.4% | 12.6% |
| Other | 0.9% | 4.6% | -3.7% | Other | 0.9% | 4.6% | -3.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 271 | 15.5% | 30.7% | NW | 80 | 15.1% | 23.8% |
| White | 984 | 84.5% | 69.3% | White | 341 | 84.9% | 76.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .023* sig. | | | |
| Odds ratio Exp(B) ⁷ : .464* sig. | | | | Odds ratio Exp(B) ⁷ : .609 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 65.7% | 12.4% | 15.2% | 6.7% | NW | 0 | N/A |
| Hispanic | 57.7% | 16.3% | 20.2% | 5.8% | White | 3 | N/A |
| White | 73.0% | 17.4% | 7.7% | 1.9% | | | |
| Other | 46.7% | 40.0% | 13.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SHARON POLICE DEPARTMENT

| Total Citations ¹ : 1,484 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 30.3% | Citations per 1000 | |
| | Passing through: | 69.7% | 18 + residents: | 107.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,451) | | | | ITP Stops ³ (N = 555) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.76 | | | | 38.04 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.5% | | | | Female 36.9% | | | |
| Male 59.4% | | | | Male 62.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 1.8% | | | | Race % Mis/Unk ⁴ 2.4% | | | |
| AA/Black 15.4% | | | | AA/Black 14.6% | | | |
| Hispanic 5.0% | | | | Hispanic 5.7% | | | |
| White 70.9% | | | | White 70.9% | | | |
| Other 8.6% | | | | Other 8.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 15.4% | 2.6% | 12.8% | AA/Black | 15.4% | 14.4% | 1.0% |
| Hispanic | 5.0% | 5.4% | -0.4% | Hispanic | 5.0% | 14.5% | -9.5% |
| White | 70.9% | 73.1% | -2.2% | White | 70.9% | 66.4% | 4.5% |
| Other | 8.6% | 18.5% | -9.9% | Other | 8.6% | 4.6% | 4.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 393 | 26.2% | 38.5% | NW | 141 | 30.4% | 26.2% |
| White | 953 | 73.8% | 61.5% | White | 341 | 69.6% | 73.8% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .363 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .580* sig. | | | | Odds ratio Exp(B) ⁷ : .859 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 86.2% | 5.8% | 5.8% | 2.2% | NW | 1 | N/A |
| Hispanic | 81.1% | 8.1% | 10.8% | 0.0% | White | 1 | N/A |
| White | 93.3% | 4.4% | 2.1% | 0.2% | | | |
| Other | 93.0% | 7.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SHEFFIELD POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|--------------|--------------|---|--------------|--------------|--------------|
| Total Citations ¹ : 364 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 15.8% | | | Citations per 1000 | | | |
| | Passing through: 84.2% | | | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 342) | | | | ITP Stops ³ (N = 103) | | | |
| Mean age | | | | Mean age | | | |
| 43.55 | | | | 39.54 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.9% | | | | Female 23.3% | | | |
| Male 65.1% | | | | Male 76.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.4% | | | | Race % Mis/Unk ⁴ 3.9% | | | |
| AA/Black 4.6% | | | | AA/Black 5.1% | | | |
| Hispanic 5.8% | | | | Hispanic 5.1% | | | |
| White 88.1% | | | | White 88.9% | | | |
| Other 1.5% | | | | Other 0.7% | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 4.6% | N/A | N/A | AA/Black | 4.6% | 14.4% | -9.8% |
| Hispanic | 5.8% | N/A | N/A | Hispanic | 5.8% | 14.5% | -8.7% |
| White | 88.1% | N/A | N/A | White | 88.1% | 66.4% | 21.7% |
| Other | 1.5% | N/A | N/A | Other | 1.5% | 4.6% | -3.1% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 35 | 11.8% | 12.3% | NW | N/A | N/A | N/A |
| White | 258 | 88.2% | 87.7% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .896 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .774 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 66.7% | 13.3% | 20.0% | 0.0% | NW | 1 | N/A |
| Hispanic | 63.2% | 15.8% | 15.8% | 5.3% | White | 3 | N/A |
| White | 65.2% | 18.1% | 15.2% | 1.6% | | | |
| Other | 40.0% | 60.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .508 | not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SHELburnE POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 334 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 5.5% | Citations per 1000 | | | | |
| | Passing through: | | 94.5% | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 311) | | | | ITP Stops ³ (N = 157) | | | | |
| Mean age | | | | Mean age | | | | |
| 37.95 | | | | 38.92 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 26.8% | | | | Female 30.6% | | | | |
| Male 73.2% | | | | Male 69.4% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 4.5% | | | | Race % Mis/Unk ⁴ 3.2% | | | | |
| AA/Black 1.7% | | | | AA/Black 2.0% | | | | |
| Hispanic 3.0% | | | | Hispanic 2.0% | | | | |
| White 93.6% | | | White 93.4% | | | | | |
| Other 1.7% | | | Other 2.6% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 1.7% | N/A | N/A | | AA/Black | 1.7% | 14.4% | -12.7% |
| Hispanic | 3.0% | N/A | N/A | | Hispanic | 3.0% | 14.5% | -11.5% |
| White | 93.6% | N/A | N/A | | White | 93.6% | 66.4% | 27.2% |
| Other | 1.7% | N/A | N/A | | Other | 1.7% | 4.6% | -2.9% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 19 | 4.2% | 9.2% | | NW | N/A | N/A | N/A |
| White | 267 | 95.8% | 90.8% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .090 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .382 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 60.0% | 40.0% | 0.0% | 0.0% | NW | 0 | N/A | |
| Hispanic | 10.0% | 40.0% | 50.0% | 0.0% | White | 2 | N/A | |
| White | 76.7% | 13.3% | 8.3% | 1.7% | | | | |
| Other | 40.0% | 60.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .000* sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SHERBORN POLICE DEPARTMENT

| Total Citations ¹ : 2,058 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 10.2% | Citations per 1000 | |
| | Passing through: | 89.8% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,010) | | | | ITP Stops ³ (N = 625) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.67 | | | | 39.2 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.6% | | | | Female 38.2% | | | |
| Male 59.4% | | | | Male 61.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.6% | | | | Race % Mis/Unk ⁴ 0.5% | | | |
| AA/Black 8.3% | | | | AA/Black 7.8% | | | |
| Hispanic 10.1% | | | | Hispanic 11.9% | | | |
| White 76.8% | | | | White 74.9% | | | |
| Other 4.8% | | | | Other 5.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.3% | N/A | N/A | AA/Black | 8.3% | 14.4% | -6.1% |
| Hispanic | 10.1% | N/A | N/A | Hispanic | 10.1% | 14.5% | -4.4% |
| White | 76.8% | N/A | N/A | White | 76.8% | 66.4% | 10.4% |
| Other | 4.8% | N/A | N/A | Other | 4.8% | 4.6% | 0.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 447 | 20.6% | 28.5% | NW | 137 | 25.3% | 24.3% |
| White | 1,488 | 79.4% | 71.5% | White | 414 | 74.7% | 75.7% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .784 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .640* | sig. | Odds ratio Exp(B) ⁷ : | | .933 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 70.3% | 17.4% | 9.3% | 2.9% | NW | 3 | N/A |
| Hispanic | 44.2% | 19.1% | 34.9% | 1.9% | White | 1 | N/A |
| White | 81.4% | 11.1% | 6.9% | 0.5% | | | |
| Other | 83.3% | 15.6% | 1.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SHIRLEY POLICE DEPARTMENT

| Total Citations ¹ : 433 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 22.9% | Citations per 1000 | |
| | Passing through: | 77.1% | 18 + residents: | 64.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 423) | | | | ITP Stops ³ (N = 203) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.16 | | | | 37.3 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.3% | | | | Female 38.3% | | | |
| Male 60.7% | | | | Male 61.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.5% | | | | Race % Mis/Unk ⁴ 3.4% | | | |
| AA/Black 9.3% | | | | AA/Black 8.7% | | | |
| Hispanic 12.7% | | | | Hispanic 11.2% | | | |
| White 75.5% | | | | White 77.0% | | | |
| Other 2.5% | | | | Other 3.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.3% | 8.5% | 0.8% | AA/Black | 9.3% | 14.4% | -5.1% |
| Hispanic | 12.7% | 9.8% | 2.9% | Hispanic | 12.7% | 14.5% | -1.8% |
| White | 75.5% | 74.9% | 0.6% | White | 75.5% | 66.4% | 9.1% |
| Other | 2.5% | 7.1% | -4.6% | Other | 2.5% | 4.6% | -2.1% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 90 | 24.6% | 20.5% | NW | 37 | 23.3% | 17.5% |
| White | 288 | 75.4% | 79.5% | White | 136 | 76.7% | 82.5% |
| Chi-square, X-tab ⁶ : | | .466 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .387 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | 1.243 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | 1.832 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-----------------|-------------|-------|----------|------------|
| AA/Black | 61.5% | 20.5% | 12.8% | 5.1% | NW | 2 | N/A |
| Hispanic | 55.8% | 28.8% | 13.5% | 1.9% | White | 4 | N/A |
| White | 70.3% | 24.0% | 5.0% | 0.6% | | | |
| Other | 70.0% | 30.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .059 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SHREWSBURY POLICE DEPARTMENT

| Total Citations ¹ : 1,945 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 23.7% | Citations per 1000 | |
| | Passing through: | 76.3% | 18 + residents: | 65.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,874) | | | | ITP Stops ³ (N = 859) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.26 | | | | 35.54 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.8% | | | | Female 33.7% | | | |
| Male 66.0% | | | | Male 66.1% | | | |
| Non-binary 0.2% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 4.7% | | | | Race % Mis/Unk ⁴ 4.9% | | | |
| AA/Black 15.8% | | | | AA/Black 15.2% | | | |
| Hispanic 15.7% | | | | Hispanic 15.1% | | | |
| White 58.5% | | | | White 59.5% | | | |
| Other 10.0% | | | | Other 10.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 15.8% | 3.0% | 12.8% | AA/Black | 15.8% | 14.4% | 1.4% |
| Hispanic | 15.7% | 4.8% | 10.9% | Hispanic | 15.7% | 14.5% | 1.2% |
| White | 58.5% | 69.9% | -11.4% | White | 58.5% | 66.4% | -7.9% |
| Other | 10.0% | 22.8% | -12.8% | Other | 10.0% | 4.6% | 5.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 686 | 36.9% | 45.8% | NW | 298 | 38.6% | 41.5% |
| White | 983 | 63.1% | 54.2% | White | 449 | 61.4% | 58.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .421 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .695* sig. | | | | Odds ratio Exp(B) ⁷ : .783 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 75.3% | 17.2% | 6.2% | 1.4% | NW | 9 | N/A |
| Hispanic | 73.3% | 14.9% | 5.7% | 6.1% | White | 2 | N/A |
| White | 76.3% | 15.8% | 4.4% | 3.5% | | | |
| Other | 71.3% | 26.0% | 1.1% | 1.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SHUTESBURY POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 108 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 4.7% | Citations per 1000 | | | | | | |
| | Passing through: | | 95.3% | 18 + residents: N/A | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 106) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 30.57 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 36.5% | | | | Female N/A | | | | | | |
| Male 63.5% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 6.6% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 8.1% | | | | AA/Black N/A | | | | | | |
| Hispanic 0.0% | | | | Hispanic N/A | | | | | | |
| White 83.8% | | | White N/A | | | | | | | |
| Other 8.1% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 8.1% | N/A | N/A | | AA/Black | 8.1% | 14.4% | -6.3% | | |
| Hispanic | 0.0% | N/A | N/A | | Hispanic | 0.0% | 14.5% | -14.5% | | |
| White | 83.8% | N/A | N/A | | White | 83.8% | 66.4% | 17.4% | | |
| Other | 8.1% | N/A | N/A | | Other | 8.1% | 4.6% | 3.5% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 100.0% | 0.0% | 0.0% | 0.0% | NW | 0 | N/A | | | |
| Hispanic | 62.5% | 37.5% | 0.0% | 0.0% | White | 0 | N/A | | | |
| White | 72.9% | 24.7% | 2.4% | 0.0% | | | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : .430 | | | | not sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SOMERSET POLICE DEPARTMENT

| Total Citations ¹ : 3,291 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 36.0% | Citations per 1000 | |
| | Passing through: | 64.0% | 18 + residents: | 223.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,048) | | | | ITP Stops ³ (N = 1,225) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.99 | | | | 38.28 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.2% | | | | Female 41.4% | | | |
| Male 55.8% | | | | Male 58.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.7% | | | | Race % Mis/Unk ⁴ 0.7% | | | |
| AA/Black 4.0% | | | | AA/Black 3.8% | | | |
| Hispanic 2.7% | | | | Hispanic 1.8% | | | |
| White 92.4% | | | | White 92.9% | | | |
| Other 0.9% | | | | Other 1.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.0% | 0.5% | 3.5% | AA/Black | 4.0% | 14.4% | -10.4% |
| Hispanic | 2.7% | 0.9% | 1.8% | Hispanic | 2.7% | 14.5% | -11.8% |
| White | 92.4% | 97.5% | -5.1% | White | 92.4% | 66.4% | 26.0% |
| Other | 0.9% | 0.8% | 0.1% | Other | 0.9% | 4.6% | -3.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 221 | 6.5% | 11.1% | NW | 79 | 6.2% | 9.4% |
| White | 2,687 | 93.5% | 88.9% | White | 1,020 | 93.8% | 90.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .056 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .647* sig. | | | | Odds ratio Exp(B) ⁷ : .646 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 68.2% | 17.8% | 12.4% | 1.6% | NW | 0 | N/A |
| Hispanic | 53.6% | 18.6% | 27.8% | 0.0% | White | 2 | N/A |
| White | 72.7% | 21.5% | 5.1% | 0.7% | | | |
| Other | 61.3% | 29.0% | 9.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SOMERVILLE POLICE DEPARTMENT

| Total Citations ¹ : 8,501 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 25.8% | Citations per 1000 | |
| | Passing through: | 74.2% | 18 + residents: | 118.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 8,319) | | | | ITP Stops ³ (N = 1,419) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.71 | | | | 38.88 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.5% | | | | Female 35.8% | | | |
| Male 63.4% | | | | Male 64.2% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.9% | | | | Race % Mis/Unk ⁴ 3.1% | | | |
| AA/Black 13.2% | | | | AA/Black 14.8% | | | |
| Hispanic 8.5% | | | | Hispanic 6.9% | | | |
| White 71.5% | | | | White 70.3% | | | |
| Other 6.9% | | | | Other 7.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.2% | 6.2% | 7.0% | AA/Black | 13.2% | 14.4% | -1.2% |
| Hispanic | 8.5% | 12.4% | -3.9% | Hispanic | 8.5% | 14.5% | -6.0% |
| White | 71.5% | 68.2% | 3.3% | White | 71.5% | 66.4% | 5.1% |
| Other | 6.9% | 14.8% | -7.9% | Other | 6.9% | 4.6% | 2.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,017 | 27.6% | 35.4% | NW | 343 | 26.5% | 38.4% |
| White | 5,157 | 72.4% | 64.6% | White | 863 | 73.5% | 61.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .001* sig. | | | |
| Odds ratio Exp(B) ⁷ : .699* sig. | | | | Odds ratio Exp(B) ⁷ : .463* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|-------------|-------------|-------|-----------|------------|
| AA/Black | 94.5% | 3.9% | 1.2% | 0.4% | NW | 8 | N/A |
| Hispanic | 92.9% | 6.2% | 0.7% | 0.1% | White | 20 | N/A |
| White | 94.6% | 4.9% | 0.4% | 0.1% | | | |
| Other | 94.7% | 5.1% | 0.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .003* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SOUTH HADLEY POLICE DEPARTMENT

| Total Citations ¹ : 759 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 29.4% | Citations per 1000 | |
| | Passing through: | 70.6% | 18 + residents: | 50 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 703) | | | | ITP Stops ³ (N = 256) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.19 | | | | 36.46 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.7% | | | | Female 40.6% | | | |
| Male 56.3% | | | | Male 59.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 7.5% | | | | AA/Black 7.9% | | | |
| Hispanic 4.9% | | | | Hispanic 5.5% | | | |
| White 86.7% | | | | White 85.4% | | | |
| Other 1.0% | | | | Other 1.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.5% | 1.8% | 5.7% | AA/Black | 7.5% | 14.4% | -6.9% |
| Hispanic | 4.9% | 6.4% | -1.5% | Hispanic | 4.9% | 14.5% | -9.6% |
| White | 86.7% | 84.8% | 1.9% | White | 86.7% | 66.4% | 20.3% |
| Other | 1.0% | 8.2% | -7.2% | Other | 1.0% | 4.6% | -3.6% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 90 | 13.0% | 15.3% | NW | 36 | 16.1% | 14.6% |
| White | 572 | 87.0% | 84.7% | White | 195 | 83.9% | 85.4% |
| Chi-square, X-tab ⁶ : | | .453 | <i>sig.</i> | Chi-square, X-tab ⁶ : | | .768 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .994 | <i>sig.</i> | Odds ratio Exp(B) ⁷ : | | 1.448 | <i>not sig.</i> |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------------|-----------|------------|
| AA/Black | 64.8% | 9.3% | 14.8% | 11.1% | NW | 2 | N/A |
| Hispanic | 46.5% | 14.0% | 30.2% | 9.3% | White | 12 | N/A |
| White | 68.6% | 12.6% | 15.9% | 2.9% | | | |
| Other | 71.4% | 0.0% | 14.3% | 14.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .006* | <i>sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SOUTHAMPTON POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 293 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 27.1% | Citations per 1000 | | | | |
| | Passing through: | | 72.9% | 18 + residents: 57.2 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 273) | | | | ITP Stops ³ (N = 100) | | | | |
| Mean age | | | | Mean age | | | | |
| 34.35 | | | | 31.32 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 46.2% | | | | Female 43.4% | | | | |
| Male 53.8% | | | | Male 56.6% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 3.3% | | | | Race % Mis/Unk ⁴ 3.0% | | | | |
| AA/Black 1.9% | | | | AA/Black 1.0% | | | | |
| Hispanic 6.4% | | | | Hispanic 9.4% | | | | |
| White 90.5% | | | White 88.5% | | | | | |
| Other 1.1% | | | Other 1.0% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 1.9% | 0.4% | 1.5% | | AA/Black | 1.9% | 14.4% | -12.5% |
| Hispanic | 6.4% | 0.0% | 6.4% | | Hispanic | 6.4% | 14.5% | -8.1% |
| White | 90.5% | 95.6% | -5.1% | | White | 90.5% | 66.4% | 24.1% |
| Other | 1.1% | 3.9% | -2.8% | | Other | 1.1% | 4.6% | -3.5% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 24 | 7.3% | 18.8% | | NW | N/A | N/A | N/A |
| White | 229 | 92.7% | 81.3% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .015* | sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .332* | sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 80.0% | 0.0% | 20.0% | 0.0% | NW | 0 | N/A | |
| Hispanic | 70.6% | 23.5% | 0.0% | 5.9% | White | 1 | N/A | |
| White | 69.9% | 16.2% | 11.6% | 2.3% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | | | | | |
| .740 | | | | not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SOUTHBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 3,188 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 11.1% | Citations per 1000 | |
| | Passing through: | 88.9% | 18 + residents: | 423.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,135) | | | | ITP Stops ³ (N = 1,409) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.04 | | | | 39.47 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.1% | | | | Female 35.7% | | | |
| Male 64.9% | | | | Male 64.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.3% | | | | Race % Mis/Unk ⁴ 0.2% | | | |
| AA/Black 10.6% | | | | AA/Black 6.8% | | | |
| Hispanic 17.7% | | | | Hispanic 18.0% | | | |
| White 60.2% | | | | White 62.7% | | | |
| Other 11.5% | | | | Other 12.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.6% | 0.7% | 9.9% | AA/Black | 10.6% | 14.4% | -3.8% |
| Hispanic | 17.7% | 3.9% | 13.8% | Hispanic | 17.7% | 14.5% | 3.2% |
| White | 60.2% | 79.2% | -19.0% | White | 60.2% | 66.4% | -6.2% |
| Other | 11.5% | 15.5% | -4.0% | Other | 11.5% | 4.6% | 6.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,186 | 30.7% | 53.0% | NW | 466 | 33.5% | 44.1% |
| White | 1,802 | 69.3% | 47.0% | White | 805 | 66.5% | 55.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .380* sig. | | | | Odds ratio Exp(B) ⁷ : .559* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|------------|--------------|
| AA/Black | 72.8% | 16.7% | 9.0% | 1.5% | NW | 179 | 39.3% |
| Hispanic | 73.1% | 13.5% | 11.9% | 1.6% | White | 277 | 60.7% |
| White | 85.0% | 10.5% | 3.5% | 1.1% | | | |
| Other | 86.3% | 9.6% | 3.6% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SOUTHBRIDGE POLICE DEPARTMENT

| Total Citations ¹ : 956 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 55.0% | Citations per 1000 | |
| | Passing through: | 45.0% | 18 + residents: | 73.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 829) | | | | ITP Stops ³ (N = 271) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 33.74 | | | | 33.35 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.4% | | | | Female 32.3% | | | |
| Male 70.3% | | | | Male 67.7% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 6.4% | | | | AA/Black 6.4% | | | |
| Hispanic 25.3% | | | | Hispanic 28.2% | | | |
| White 67.9% | | | | White 64.3% | | | |
| Other 0.4% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.4% | 3.4% | 3.0% | AA/Black | 6.4% | 14.4% | -8.0% |
| Hispanic | 25.3% | 32.9% | -7.6% | Hispanic | 25.3% | 14.5% | 10.8% |
| White | 67.9% | 62.9% | 5.0% | White | 67.9% | 66.4% | 1.5% |
| Other | 0.4% | 4.8% | -4.4% | Other | 0.4% | 4.6% | -4.2% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 243 | 25.5% | 40.9% | NW | 90 | 35.5% | 38.0% |
| White | 514 | 74.5% | 59.1% | White | 156 | 64.5% | 62.0% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .691 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .545* | sig. | Odds ratio Exp(B) ⁷ : | | 1.556 | not sig. |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 37.3% | 11.9% | 44.1% | 6.8% | NW | 12 | N/A |
| Hispanic | 34.3% | 15.3% | 46.2% | 4.2% | White | 12 | N/A |
| White | 46.3% | 21.7% | 28.9% | 3.1% | | | |
| Other | 0.0% | 33.3% | 66.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SOUTHWICK POLICE DEPARTMENT

| | | | | | | |
|---|-------------------------|----------------------|--------------|--|--------------|----------------------------------|
| Total Citations ¹ : 790 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | |
| | Intown motorist: | | 28.0% | Citations per 1000 | | |
| | Passing through: | | 72.0% | 18 + residents: 101.1 | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | |
| All Stops² (N = 749) | | | | ITP Stops³ (N = 201) | | |
| Mean age | | | | Mean age | | |
| 36.89 | | | | 35.62 | | |
| Gender % | | | | Gender % | | |
| Female | | 35.5% | | Female | | 35.5% |
| Male | | 64.4% | | Male | | 64.5% |
| Non-binary | | 0.1% | | Non-binary | | 0.0% |
| Race | % | Mis/Unk ⁴ | 0.5% | Race | % | Mis/Unk ⁴ 1.0% |
| AA/Black | | 3.8% | | AA/Black | | 4.0% |
| Hispanic | | 4.2% | | Hispanic | | 4.0% |
| White | | 90.7% | | White | | 91.5% |
| Other | | 1.3% | | Other | | 0.5% |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | |
| Comparative Analyses | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg %Dif |
| AA/Black | 3.8% | 0.1% | 3.7% | AA/Black | 3.8% | 14.4% -10.6% |
| Hispanic | 4.2% | 3.5% | 0.7% | Hispanic | 4.2% | 14.5% -10.3% |
| White | 90.7% | 92.8% | -2.1% | White | 90.7% | 66.4% 24.3% |
| Other | 1.3% | 3.6% | -2.3% | Other | 1.3% | 4.6% -3.3% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | |
| VoD Analyses | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | |
| Race | N | Daylight | Darkness | Race | N | Daylight Darkness |
| NW | 67 | 10.5% | 7.6% | NW | 17 | 18.3% 4.9% |
| White | 650 | 89.5% | 92.4% | White | 166 | 81.7% 95.1% |
| Chi-square, X-tab ⁶ : | | .190 | not sig. | Chi-square, X-tab ⁶ : | | .003* sig. |
| Odds ratio Exp(B) ⁷ : | | 1.449 | not sig. | Odds ratio Exp(B) ⁷ : | | 4.878* sig. |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | |
| Citation Outcomes by Race⁸ | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? |
| AA/Black | 86.2% | 6.9% | 6.9% | 0.0% | NW | 0 N/A |
| Hispanic | 55.9% | 17.6% | 14.7% | 11.8% | White | 1 N/A |
| White | 76.8% | 11.2% | 9.6% | 2.4% | | |
| Other | 90.0% | 10.0% | 0.0% | 0.0% | | |
| Chi-square, X-tab ⁶ : | | .034* | sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SPENCER POLICE DEPARTMENT

| Total Citations ¹ : 650 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 30.1% | Citations per 1000 | |
| | Passing through: | 69.9% | 18 + residents: | 64.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 618) | | | | ITP Stops ³ (N = 186) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.88 | | | | 35.17 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.7% | | | | Female 39.8% | | | |
| Male 59.3% | | | | Male 60.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.5% | | | | Race % Mis/Unk ⁴ 4.3% | | | |
| AA/Black 7.4% | | | | AA/Black 7.3% | | | |
| Hispanic 9.9% | | | | Hispanic 6.7% | | | |
| White 80.7% | | | | White 83.1% | | | |
| Other 2.1% | | | | Other 2.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.4% | 1.0% | 6.4% | AA/Black | 7.4% | 14.4% | -7.0% |
| Hispanic | 9.9% | 3.3% | 6.6% | Hispanic | 9.9% | 14.5% | -4.6% |
| White | 80.7% | 90.0% | -9.3% | White | 80.7% | 66.4% | 14.3% |
| Other | 2.1% | 5.8% | -3.7% | Other | 2.1% | 4.6% | -2.5% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 108 | 14.1% | 27.3% | NW | 26 | 16.2% | 17.6% |
| White | 452 | 85.9% | 72.7% | White | 130 | 83.8% | 82.4% |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .819 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .448* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .784 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 59.1% | 18.2% | 22.7% | 0.0% | NW | 0 | N/A |
| Hispanic | 50.0% | 12.5% | 32.8% | 4.7% | White | 1 | N/A |
| White | 66.9% | 16.8% | 12.0% | 4.3% | | | |
| Other | 58.3% | 16.7% | 16.7% | 8.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .004* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SPRINGFIELD POLICE DEPARTMENT

| Total Citations ¹ : 11,666 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 68.2% | Citations per 1000 | |
| | Passing through: | 31.8% | 18 + residents: | 101 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 10,833) | | | | ITP Stops ³ (N = 3,481) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.71 | | | | 36.7 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.5% | | | | Female 39.6% | | | |
| Male 60.4% | | | | Male 60.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 4.4% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 27.6% | | | | AA/Black 26.7% | | | |
| Hispanic 22.7% | | | | Hispanic 25.2% | | | |
| White 48.3% | | | | White 46.8% | | | |
| Other 1.4% | | | | Other 1.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 27.6% | 20.9% | 6.7% | AA/Black | 27.6% | 14.4% | 13.2% |
| Hispanic | 22.7% | 45.0% | -22.3% | Hispanic | 22.7% | 14.5% | 8.2% |
| White | 48.3% | 31.2% | 17.1% | White | 48.3% | 66.4% | -18.1% |
| Other | 1.4% | 7.6% | -6.2% | Other | 1.4% | 4.6% | -3.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|--|-------|--------------|--------------|--|-------|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 4,753 | 52.5% | 53.9% | NW | 1,654 | 53.9% | 52.6% |
| White | 4,215 | 47.5% | 46.1% | White | 1,450 | 46.1% | 47.4% |
| Chi-square, X-tab ⁶ : .184 not sig. | | | | Chi-square, X-tab ⁶ : .480 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .927 not sig. | | | | Odds ratio Exp(B) ⁷ : .899 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 60.0% | 28.5% | 11.5% | 0.0% | NW | 26 | N/A |
| Hispanic | 63.9% | 34.1% | 1.9% | 0.1% | White | 24 | N/A |
| White | 58.7% | 30.5% | 10.7% | 0.0% | | | |
| Other | 61.7% | 35.1% | 3.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

STERLING POLICE DEPARTMENT

| Total Citations ¹ : 433 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 25.0% | Citations per 1000 | |
| | Passing through: | 75.0% | 18 + residents: | 69 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 405) | | | | ITP Stops ³ (N = 196) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.96 | | | | 38.4 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.7% | | | | Female 38.4% | | | |
| Male 66.1% | | | | Male 61.1% | | | |
| Non-binary 0.3% | | | | Non-binary 0.5% | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ 2.6% | | | |
| AA/Black 4.3% | | | | AA/Black 3.1% | | | |
| Hispanic 8.9% | | | | Hispanic 9.4% | | | |
| White 85.5% | | | | White 86.9% | | | |
| Other 1.3% | | | | Other 0.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.3% | 1.3% | 3.0% | AA/Black | 4.3% | 14.4% | -10.1% |
| Hispanic | 8.9% | 5.1% | 3.8% | Hispanic | 8.9% | 14.5% | -5.6% |
| White | 85.5% | 92.4% | -6.9% | White | 85.5% | 66.4% | 19.1% |
| Other | 1.3% | 1.5% | -0.2% | Other | 1.3% | 4.6% | -3.3% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 56 | 13.5% | 19.6% | NW | 25 | 10.1% | 20.9% |
| White | 307 | 86.5% | 80.4% | White | 151 | 89.9% | 79.1% |
| Chi-square, X-tab ⁶ : | | .137 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .046* | <i>sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .574 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .279* | <i>sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|--------------|-------------------|-------|----------|------------|
| AA/Black | 55.6% | 16.7% | 27.8% | 0.0% | NW | 1 | N/A |
| Hispanic | 40.5% | 16.2% | 43.2% | 0.0% | White | 0 | N/A |
| White | 68.3% | 15.4% | 14.0% | 2.2% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .002* <i>sig.</i> | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

STOCKBRIDGE POLICE DEPARTMENT

| Total Citations ¹ : 707 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 6.8% | Citations per 1000 | |
| | Passing through: | 93.2% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 676) | | | | ITP Stops ³ (N = 245) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 45.73 | | | | 42.15 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.7% | | | | Female 38.4% | | | |
| Male 55.1% | | | | Male 61.2% | | | |
| Non-binary 0.1% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 4.3% | | | | AA/Black 5.8% | | | |
| Hispanic 1.6% | | | | Hispanic 2.9% | | | |
| White 92.8% | | | | White 90.5% | | | |
| Other 1.2% | | | | Other 0.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.3% | N/A | N/A | AA/Black | 4.3% | 14.4% | -10.1% |
| Hispanic | 1.6% | N/A | N/A | Hispanic | 1.6% | 14.5% | -12.9% |
| White | 92.8% | N/A | N/A | White | 92.8% | 66.4% | 26.4% |
| Other | 1.2% | N/A | N/A | Other | 1.2% | 4.6% | -3.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 43 | 5.5% | 12.2% | NW | 19 | 6.5% | 16.7% |
| White | 576 | 94.5% | 87.8% | White | 190 | 93.5% | 83.3% |
| Chi-square, X-tab ⁶ : | | .008* | sig. | Chi-square, X-tab ⁶ : | | .025* | sig. |
| Odds ratio Exp(B) ⁷ : | | .526 | not sig. | Odds ratio Exp(B) ⁷ : | | .877 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 57.6% | 30.3% | 9.1% | 3.0% | NW | 6 | N/A |
| Hispanic | 58.8% | 0.0% | 35.3% | 5.9% | White | 2 | N/A |
| White | 87.2% | 8.3% | 4.2% | 0.3% | | | |
| Other | 75.0% | 0.0% | 12.5% | 12.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT STONEHAM POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 414 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 29.5% | Citations per 1000 | | | | |
| | Passing through: | | 70.5% | 18 + residents: 20.7 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 397) | | | | ITP Stops ³ (N = 127) | | | | |
| Mean age | | | | Mean age | | | | |
| 41.64 | | | | 41.98 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 34.3% | | | | Female 27.0% | | | | |
| Male 65.7% | | | | Male 73.0% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 5.5% | | | | Race % Mis/Unk ⁴ 2.4% | | | | |
| AA/Black 6.9% | | | | AA/Black 4.0% | | | | |
| Hispanic 2.4% | | | | Hispanic 0.8% | | | | |
| White 88.0% | | | White 90.3% | | | | | |
| Other 2.7% | | | Other 4.8% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 6.9% | 3.0% | 3.9% | | AA/Black | 6.9% | 14.4% | -7.5% |
| Hispanic | 2.4% | 3.3% | -0.9% | | Hispanic | 2.4% | 14.5% | -12.1% |
| White | 88.0% | 87.7% | 0.3% | | White | 88.0% | 66.4% | 21.6% |
| Other | 2.7% | 5.6% | -2.9% | | Other | 2.7% | 4.6% | -1.9% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 41 | 11.5% | 13.8% | | NW | N/A | N/A | N/A |
| White | 298 | 88.5% | 86.2% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .573 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .792 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 78.6% | 0.0% | 17.9% | 3.6% | NW | 1 | N/A | |
| Hispanic | 54.4% | 0.0% | 45.5% | 0.0% | White | 2 | N/A | |
| White | 83.1% | 4.5% | 11.3% | 1.2% | | | | |
| Other | 91.7% | 0.0% | 8.3% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .075 not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

STOUGHTON POLICE DEPARTMENT

| Total Citations ¹ : 1,572 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 28.6% | Citations per 1000 | |
| | Passing through: | 71.4% | 18 + residents: | 67.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,384) | | | | ITP Stops ³ (N = 315) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.6 | | | | 39.73 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.7% | | | | Female 37.4% | | | |
| Male 62.1% | | | | Male 62.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.9% | | | | Race % Mis/Unk ⁴ 7.0% | | | |
| AA/Black 37.2% | | | | AA/Black 36.5% | | | |
| Hispanic 4.8% | | | | Hispanic 4.4% | | | |
| White 54.8% | | | | White 54.9% | | | |
| Other 3.2% | | | | Other 4.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 37.2% | 15.0% | 22.2% | AA/Black | 37.2% | 14.4% | 22.8% |
| Hispanic | 4.8% | 3.8% | 1.0% | Hispanic | 4.8% | 14.5% | -9.7% |
| White | 54.8% | 71.5% | -16.7% | White | 54.8% | 66.4% | -11.6% |
| Other | 3.2% | 8.9% | -5.7% | Other | 3.2% | 4.6% | -1.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 549 | 44.1% | 49.6% | NW | 115 | 44.3% | 46.3% |
| White | 665 | 55.9% | 50.4% | White | 141 | 55.7% | 53.8% |
| Chi-square, X-tab ⁶ : | | .121 | not sig. | Chi-square, X-tab ⁶ : | | .773 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .813 | not sig. | Odds ratio Exp(B) ⁷ : | | .847 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 62.7% | 16.5% | 19.5% | 1.3% | NW | 2 | N/A |
| Hispanic | 45.2% | 23.3% | 26.0% | 5.5% | White | 4 | N/A |
| White | 65.1% | 17.0% | 15.5% | 2.4% | | | |
| Other | 68.9% | 22.2% | 8.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .009* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

STOW POLICE DEPARTMENT

| Total Citations ¹ : 435 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 22.0% | Citations per 1000 | |
| | Passing through: | 78.0% | 18 + residents: | 81.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 422) | | | | ITP Stops ³ (N = 212) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.26 | | | | 41.59 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.8% | | | | Female 31.3% | | | |
| Male 66.2% | | | | Male 68.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 2.7% | | | | AA/Black 1.0% | | | |
| Hispanic 4.9% | | | | Hispanic 6.2% | | | |
| White 88.3% | | | | White 91.9% | | | |
| Other 4.1% | | | | Other 1.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.7% | 0.0% | 2.7% | AA/Black | 2.7% | 14.4% | -11.7% |
| Hispanic | 4.9% | 2.9% | 2.0% | Hispanic | 4.9% | 14.5% | -9.6% |
| White | 88.3% | 88.4% | -0.1% | White | 88.3% | 66.4% | 21.9% |
| Other | 4.1% | 5.7% | -1.6% | Other | 4.1% | 4.6% | -0.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 46 | 11.9% | 11.2% | NW | 15 | 5.7% | 10.2% |
| White | 349 | 88.1% | 88.8% | White | 178 | 94.3% | 89.8% |
| Chi-square, X-tab ⁶ : .829 not sig. | | | | Chi-square, X-tab ⁶ : .243 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .958 not sig. | | | | Odds ratio Exp(B) ⁷ : .695 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 90.9% | 9.1% | 0.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 59.1% | 9.1% | 27.3% | 4.5% | White | 0 | N/A |
| White | 86.9% | 5.3% | 7.0% | 0.8% | | | |
| Other | 76.5% | 11.8% | 11.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .024* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

STURBRIDGE POLICE DEPARTMENT

| Total Citations ¹ : 3,350 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 13.9% | Citations per 1000 | |
| | Passing through: | 86.1% | 18 + residents: | 466.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,238) | | | | ITP Stops ³ (N = 1,076) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.78 | | | | 37.17 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.2% | | | | Female 39.4% | | | |
| Male 61.7% | | | | Male 60.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.9% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 7.6% | | | | AA/Black 6.2% | | | |
| Hispanic 12.4% | | | | Hispanic 13.3% | | | |
| White 77.4% | | | | White 78.8% | | | |
| Other 2.6% | | | | Other 1.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.6% | 0.8% | 6.8% | AA/Black | 7.6% | 14.4% | -6.8% |
| Hispanic | 12.4% | 3.0% | 9.4% | Hispanic | 12.4% | 14.5% | -2.1% |
| White | 77.4% | 92.2% | -14.8% | White | 77.4% | 66.4% | 11.0% |
| Other | 2.6% | 3.4% | -0.8% | Other | 2.6% | 4.6% | -2.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 684 | 17.9% | 30.8% | NW | 200 | 20.9% | 21.9% |
| White | 2,316 | 82.1% | 69.2% | White | 738 | 79.1% | 78.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .704 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .516* sig. | | | | Odds ratio Exp(B) ⁷ : 1.110 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 62.5% | 13.8% | 20.9% | 2.8% | NW | 7 | N/A |
| Hispanic | 63.0% | 10.3% | 24.5% | 2.2% | White | 14 | N/A |
| White | 82.0% | 9.2% | 7.3% | 1.5% | | | |
| Other | 65.1% | 27.7% | 7.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SUDBURY POLICE DEPARTMENT

| Total Citations ¹ : 1,507 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 29.6% | Citations per 1000 | |
| | Passing through: | 70.4% | 18 + residents: | 106.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,473) | | | | ITP Stops ³ (N = 677) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.91 | | | | 41.63 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.5% | | | | Female 35.3% | | | |
| Male 61.5% | | | | Male 64.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 8.9% | | | | AA/Black 8.1% | | | |
| Hispanic 12.3% | | | | Hispanic 11.2% | | | |
| White 72.9% | | | | White 74.1% | | | |
| Other 5.9% | | | | Other 6.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.9% | 1.8% | 7.1% | AA/Black | 8.9% | 14.4% | -5.5% |
| Hispanic | 12.3% | 2.5% | 9.8% | Hispanic | 12.3% | 14.5% | -2.2% |
| White | 72.9% | 82.5% | -9.6% | White | 72.9% | 66.4% | 6.5% |
| Other | 5.9% | 13.3% | -7.4% | Other | 5.9% | 4.6% | 1.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 360 | 22.4% | 32.7% | NW | 149 | 20.5% | 30.4% |
| White | 998 | 77.6% | 67.3% | White | 450 | 79.5% | 69.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .005* sig. | | | |
| Odds ratio Exp(B) ⁷ : .578* sig. | | | | Odds ratio Exp(B) ⁷ : .514* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 75.6% | 13.3% | 9.6% | 1.5% | NW | 0 | N/A |
| Hispanic | 66.5% | 10.3% | 21.1% | 2.2% | White | 0 | N/A |
| White | 87.2% | 9.0% | 3.2% | 0.6% | | | |
| Other | 91.9% | 5.8% | 2.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SUNDERLAND POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 439 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 12.2% | Citations per 1000 | | | | |
| | Passing through: | | 87.8% | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 419) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 38.06 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 51.8% | | | | Female N/A | | | | |
| Male 48.2% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 5.3% | | | | AA/Black N/A | | | | |
| Hispanic 1.2% | | | | Hispanic N/A | | | | |
| White 90.8% | | | White N/A | | | | | |
| Other 2.7% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 5.3% | N/A | N/A | | AA/Black | 5.3% | 14.4% | -9.1% |
| Hispanic | 1.2% | N/A | N/A | | Hispanic | 1.2% | 14.5% | -13.3% |
| White | 90.8% | N/A | N/A | | White | 90.8% | 66.4% | 24.4% |
| Other | 2.7% | N/A | N/A | | Other | 2.7% | 4.6% | -1.9% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 35 | 9.1% | 9.8% | | NW | N/A | N/A | N/A |
| White | 344 | 90.9% | 90.2% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .835 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .829 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 72.0% | 4.0% | 12.0% | 12.0% | NW | 4 | N/A | |
| Hispanic | 16.7% | 33.3% | 50.0% | 0.0% | White | 9 | N/A | |
| White | 71.7% | 10.0% | 17.0% | 1.3% | | | | |
| Other | 72.7% | 18.2% | 9.1% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .002* sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SUTTON POLICE DEPARTMENT

| Total Citations ¹ : 909 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 7.2% | Citations per 1000 | |
| | Passing through: | 92.8% | 18 + residents: | 124.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 859) | | | | ITP Stops ³ (N = 287) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.18 | | | | 34.55 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.6% | | | | Female 26.2% | | | |
| Male 70.4% | | | | Male 73.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 9.6% | | | | AA/Black 8.5% | | | |
| Hispanic 12.0% | | | | Hispanic 10.6% | | | |
| White 77.1% | | | | White 80.3% | | | |
| Other 1.3% | | | | Other 0.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.6% | 2.2% | 7.4% | AA/Black | 9.6% | 14.4% | -4.8% |
| Hispanic | 12.0% | 1.6% | 10.4% | Hispanic | 12.0% | 14.5% | -2.5% |
| White | 77.1% | 92.3% | -15.2% | White | 77.1% | 66.4% | 10.7% |
| Other | 1.3% | 3.8% | -2.5% | Other | 1.3% | 4.6% | -3.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 173 | 20.5% | 26.5% | NW | 43 | 15.6% | 20.2% |
| White | 599 | 79.5% | 73.5% | White | 206 | 84.4% | 79.8% |
| Chi-square, X-tab ⁶ : .061 not sig. | | | | Chi-square, X-tab ⁶ : .357 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .700 not sig. | | | | Odds ratio Exp(B) ⁷ : .694 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 32.2% | 25.3% | 36.8% | 5.7% | NW | 0 | N/A |
| Hispanic | 33.0% | 16.0% | 41.5% | 9.4% | White | 4 | N/A |
| White | 47.6% | 22.1% | 23.1% | 7.2% | | | |
| Other | 36.4% | 18.2% | 45.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SWAMPSCOTT POLICE DEPARTMENT

| Total Citations ¹ : 1,444 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 19.7% | Citations per 1000 | |
| | Passing through: | 80.3% | 18 + residents: | 121.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,415) | | | | ITP Stops ³ (N = 418) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.22 | | | | 40.05 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.4% | | | | Female 43.3% | | | |
| Male 58.6% | | | | Male 56.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 0.7% | | | |
| AA/Black 14.2% | | | | AA/Black 12.8% | | | |
| Hispanic 21.1% | | | | Hispanic 18.8% | | | |
| White 61.0% | | | | White 66.0% | | | |
| Other 3.7% | | | | Other 2.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.2% | 1.5% | 12.7% | AA/Black | 14.2% | 14.4% | -0.2% |
| Hispanic | 21.1% | 2.5% | 18.6% | Hispanic | 21.1% | 14.5% | 6.6% |
| White | 61.0% | 91.7% | -30.7% | White | 61.0% | 66.4% | -5.4% |
| Other | 3.7% | 4.3% | -0.6% | Other | 3.7% | 4.6% | -0.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 521 | 26.7% | 51.1% | NW | 118 | 29.0% | 37.3% |
| White | 818 | 73.3% | 48.9% | White | 243 | 71.0% | 62.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .096 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .326* sig. | | | | Odds ratio Exp(B) ⁷ : .525* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 84.9% | 6.5% | 7.5% | 1.0% | NW | 0 | N/A |
| Hispanic | 69.7% | 10.5% | 15.6% | 4.1% | White | 0 | N/A |
| White | 84.7% | 8.9% | 5.6% | 0.8% | | | |
| Other | 90.4% | 7.7% | 1.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SWANSEA POLICE DEPARTMENT

| Total Citations ¹ : 1,848 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 28.5% | Citations per 1000 | |
| | Passing through: | 71.5% | 18 + residents: | 133.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,628) | | | | ITP Stops ³ (N = 702) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.22 | | | | 37.51 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.9% | | | | Female 37.3% | | | |
| Male 60.1% | | | | Male 62.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.6% | | | | Race % Mis/Unk ⁴ 0.6% | | | |
| AA/Black 4.7% | | | | AA/Black 4.2% | | | |
| Hispanic 2.2% | | | | Hispanic 1.9% | | | |
| White 92.1% | | | | White 92.8% | | | |
| Other 1.1% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.7% | 0.2% | 4.5% | AA/Black | 4.7% | 14.4% | -9.7% |
| Hispanic | 2.2% | 0.5% | 1.7% | Hispanic | 2.2% | 14.5% | -12.3% |
| White | 92.1% | 96.4% | -4.3% | White | 92.1% | 66.4% | 25.7% |
| Other | 1.1% | 2.8% | -1.7% | Other | 1.1% | 4.6% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 123 | 6.2% | 11.5% | NW | 46 | 6.9% | 7.7% |
| White | 1,429 | 93.8% | 88.5% | White | 599 | 93.1% | 92.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .710 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .481* sig. | | | | Odds ratio Exp(B) ⁷ : .590 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 70.5% | 3.4% | 22.7% | 3.4% | NW | 0 | N/A |
| Hispanic | 57.1% | 9.5% | 33.3% | 0.0% | White | 1 | N/A |
| White | 87.5% | 5.2% | 6.1% | 1.2% | | | |
| Other | 91.3% | 4.3% | 4.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

TAUNTON POLICE DEPARTMENT

| Total Citations ¹ : 679 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 46.5% | Citations per 1000 | |
| | Passing through: | 53.5% | 18 + residents: | 15.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 531) | | | | ITP Stops ³ (N = 132) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.54 | | | | 36.5 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.6% | | | | Female 33.6% | | | |
| Male 64.2% | | | | Male 66.4% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ 4.5% | | | |
| AA/Black 20.2% | | | | AA/Black 20.6% | | | |
| Hispanic 1.0% | | | | Hispanic 1.6% | | | |
| White 78.8% | | | | White 77.8% | | | |
| Other 0.0% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 20.2% | 8.8% | 11.4% | AA/Black | 20.2% | 14.4% | 5.8% |
| Hispanic | 1.0% | 9.0% | -8.0% | Hispanic | 1.0% | 14.5% | -13.5% |
| White | 78.8% | 75.0% | 3.8% | White | 78.8% | 66.4% | 12.4% |
| Other | 0.0% | 5.9% | -5.9% | Other | 0.0% | 4.6% | -4.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 99 | 20.6% | 23.6% | NW | 27 | 26.2% | 20.0% |
| White | 352 | 79.4% | 76.4% | White | 88 | 73.8% | 80.0% |
| Chi-square, X-tab ⁶ : | | .447 | not sig. | Chi-square, X-tab ⁶ : | | .440 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .793 | not sig. | Odds ratio Exp(B) ⁷ : | | 2.375 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 46.5% | 12.4% | 37.2% | 3.9% | NW | 5 | N/A |
| Hispanic | 0.0% | 27.3% | 72.7% | 0.0% | White | 14 | N/A |
| White | 50.1% | 13.6% | 29.9% | 6.5% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .010* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TEMPLETON POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 567 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 10.8% | Citations per 1000 | | | | |
| | Passing through: | | 89.2% | 18 + residents: 87 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 535) | | | | ITP Stops ³ (N = 220) | | | | |
| Mean age | | | | Mean age | | | | |
| 35.17 | | | | 36.69 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 39.9% | | | | Female 37.4% | | | | |
| Male 60.1% | | | | Male 62.6% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | Race % Mis/Unk ⁴ 2.3% | | | | |
| AA/Black 2.9% | | | | AA/Black 1.9% | | | | |
| Hispanic 2.5% | | | | Hispanic 3.3% | | | | |
| White 94.3% | | | White 94.4% | | | | | |
| Other 0.4% | | | Other 0.5% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 2.9% | 0.0% | 2.9% | | AA/Black | 2.9% | 14.4% | -11.5% |
| Hispanic | 2.5% | 2.9% | -0.4% | | Hispanic | 2.5% | 14.5% | -12.0% |
| White | 94.3% | 94.6% | -0.3% | | White | 94.3% | 66.4% | 27.9% |
| Other | 0.4% | 2.5% | -2.1% | | Other | 0.4% | 4.6% | -4.2% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 30 | 5.7% | 7.5% | | NW | N/A | N/A | N/A |
| White | 461 | 94.3% | 92.5% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .465 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .642 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 50.0% | 18.8% | 31.3% | 0.0% | NW | 0 | N/A | |
| Hispanic | 33.3% | 26.7% | 40.0% | 0.0% | White | 6 | N/A | |
| White | 67.3% | 16.5% | 13.1% | 3.1% | | | | |
| Other | 50.0% | 50.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : .042* sig. | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

TEWKSBURY POLICE DEPARTMENT

| Total Citations ¹ : 4,373 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 28.3% | Citations per 1000 | |
| | Passing through: | 71.7% | 18 + residents: | 174 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,218) | | | | ITP Stops ³ (N = 1,120) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.08 | | | | 40.16 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.5% | | | | Female 35.9% | | | |
| Male 59.4% | | | | Male 64.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 8.5% | | | | AA/Black 8.1% | | | |
| Hispanic 11.4% | | | | Hispanic 9.8% | | | |
| White 75.3% | | | | White 77.0% | | | |
| Other 4.9% | | | | Other 5.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.5% | 2.4% | 6.1% | AA/Black | 8.5% | 14.4% | -5.9% |
| Hispanic | 11.4% | 2.2% | 9.2% | Hispanic | 11.4% | 14.5% | -3.1% |
| White | 75.3% | 90.1% | -14.8% | White | 75.3% | 66.4% | 8.9% |
| Other | 4.9% | 5.2% | -0.3% | Other | 4.9% | 4.6% | 0.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 966 | 21.4% | 33.4% | NW | 218 | 22.0% | 22.4% |
| White | 2,980 | 78.6% | 66.6% | White | 765 | 78.0% | 77.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .881 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .536* sig. | | | | Odds ratio Exp(B) ⁷ : .920 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|-------------|-------------|-------|----------|------------|
| AA/Black | 88.4% | 3.6% | 6.3% | 1.7% | NW | 2 | N/A |
| Hispanic | 79.5% | 7.1% | 9.7% | 3.7% | White | 8 | N/A |
| White | 87.9% | 6.2% | 3.3% | 2.6% | | | |
| Other | 91.4% | 4.8% | 3.3% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TISBURY POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|--------------|--------------|--|--------------|--------------|---------------|
| Total Citations ¹ : 233 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 44.7% | | | Citations per 1000 | | | |
| | Passing through: 55.3% | | | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 197) | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | Mean age | | | |
| 38.65 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 34.9% | | | | Female N/A | | | |
| Male 65.1% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.5% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 6.3% | | | | AA/Black N/A | | | |
| Hispanic 0.5% | | | | Hispanic N/A | | | |
| White 91.7% | | | | White N/A | | | |
| Other 1.6% | | | | Other N/A | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 6.3% | N/A | N/A | AA/Black | 6.3% | 14.4% | -8.1% |
| Hispanic | 0.5% | N/A | N/A | Hispanic | 0.5% | 14.5% | -14.0% |
| White | 91.7% | N/A | N/A | White | 91.7% | 66.4% | 25.3% |
| Other | 1.6% | N/A | N/A | Other | 1.6% | 4.6% | -3.0% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 16 | 9.7% | 7.8% | NW | N/A | N/A | N/A |
| White | 161 | 90.3% | 92.2% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .668 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.530 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 28.6% | 14.3% | 50.0% | 7.1% | NW | 0 | N/A |
| Hispanic | 100.0% | 0.0% | 0.0% | 0.0% | White | 1 | N/A |
| White | 35.7% | 14.5% | 37.7% | 12.1% | | | |
| Other | 66.7% | 0.0% | 0.0% | 33.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .526 | not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TOLLAND POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|--------------|----------------|--|--------------|--------------|--------------|
| Total Citations ¹ : 163 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 3.7% | | | Citations per 1000 | | | |
| | Passing through: 96.3% | | | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 161) | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | Mean age | | | |
| 40.84 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 19.7% | | | | Female N/A | | | |
| Male 79.6% | | | | Male N/A | | | |
| Non-binary 0.6% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 4.3% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 5.2% | | | | AA/Black N/A | | | |
| Hispanic 6.5% | | | | Hispanic N/A | | | |
| White 86.4% | | | | White N/A | | | |
| Other 1.9% | | | | Other N/A | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 5.2% | N/A | #VALUE! | AA/Black | 5.2% | 14.4% | -9.2% |
| Hispanic | 6.5% | N/A | #VALUE! | Hispanic | 6.5% | 14.5% | -8.0% |
| White | 86.4% | N/A | #VALUE! | White | 86.4% | 66.4% | 20.0% |
| Other | 1.9% | N/A | #VALUE! | Other | 1.9% | 4.6% | -2.7% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 25.0% | 12.5% | 62.5% | 0.0% | NW | 0 | N/A |
| Hispanic | 20.0% | 50.0% | 30.0% | 0.0% | White | 3 | N/A |
| White | 43.7% | 44.4% | 10.4% | 1.5% | | | |
| Other | 33.3% | 66.7% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .012* sig. | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

TOPSFIELD POLICE DEPARTMENT

| Total Citations ¹ : 648 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|--------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | 132.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 632) | | | | ITP Stops ³ (N = 312) | | | |
|----------------------------------|----------------------|-------------|--|----------------------------------|----------------------|-------------|--|
| Mean age | | | | Mean age | | | |
| 40.27 | | | | 41.36 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.6% | | | | Female 36.3% | | | |
| Male 65.2% | | | | Male 63.4% | | | |
| Non-binary 0.2% | | | | Non-binary 0.3% | | | |
| Race % | Mis/Unk ⁴ | 1.3% | | Race % | Mis/Unk ⁴ | 1.9% | |
| AA/Black | 4.3% | | | AA/Black | 3.3% | | |
| Hispanic | 10.6% | | | Hispanic | 11.4% | | |
| White | 83.5% | | | White | 84.0% | | |
| Other | 1.6% | | | Other | 1.3% | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.3% | 0.1% | 4.2% | AA/Black | 4.3% | 14.4% | -10.1% |
| Hispanic | 10.6% | 1.7% | 8.9% | Hispanic | 10.6% | 14.5% | -3.9% |
| White | 83.5% | 94.8% | -11.3% | White | 83.5% | 66.4% | 17.1% |
| Other | 1.6% | 3.4% | -1.8% | Other | 1.6% | 4.6% | -3.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 93 | 13.8% | 19.9% | NW | 41 | 14.9% | 15.1% |
| White | 495 | 86.2% | 80.1% | White | 233 | 85.1% | 84.9% |
| Chi-square, X-tab ⁶ : | | .055 | not sig. | Chi-square, X-tab ⁶ : | | .960 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .457* | sig. | Odds ratio Exp(B) ⁷ : | | .278 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 74.1% | 0.0% | 22.2% | 3.7% | NW | 0 | N/A |
| Hispanic | 43.7% | 8.5% | 35.2% | 12.7% | White | 0 | N/A |
| White | 79.1% | 8.8% | 7.9% | 4.1% | | | |
| Other | 90.0% | 10.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TOWNSEND POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 267 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 25.2% | Citations per 1000 | | | | |
| | Passing through: | | 74.8% | 18 + residents: 35.6 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 242) | | | | ITP Stops ³ (N = 119) | | | | |
| Mean age | | | | Mean age | | | | |
| 36 | | | | 35.18 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 35.5% | | | | Female 31.1% | | | | |
| Male 64.5% | | | | Male 68.9% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ 1.7% | | | | |
| AA/Black 3.8% | | | | AA/Black 4.3% | | | | |
| Hispanic 5.5% | | | | Hispanic 3.4% | | | | |
| White 90.3% | | | White 92.3% | | | | | |
| Other 0.4% | | | Other 0.0% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 3.8% | 0.9% | 2.9% | | AA/Black | 3.8% | 14.4% | -10.6% |
| Hispanic | 5.5% | 3.2% | 2.3% | | Hispanic | 5.5% | 14.5% | -9.0% |
| White | 90.3% | 94.4% | -4.1% | | White | 90.3% | 66.4% | 23.9% |
| Other | 0.4% | 1.6% | -1.2% | | Other | 0.4% | 4.6% | -4.2% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 21 | 9.4% | 10.0% | | NW | N/A | N/A | N/A |
| White | 197 | 90.6% | 90.0% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .889 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.214 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 30.0% | 40.0% | 30.0% | 0.0% | NW | 1 | N/A | |
| Hispanic | 33.3% | 40.0% | 26.7% | 0.0% | White | 0 | N/A | |
| White | 52.3% | 29.5% | 10.1% | 8.0% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TRURO POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|----------|----------|--------------------------------------|-------|-----------|----------|
| Total Citations ¹ : 196 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 5.6% | | | Citations per 1000 | | | |
| | Passing through: 94.4% | | | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 177) | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | Mean age | | | |
| 40.8 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 29.4% | | | | Female N/A | | | |
| Male 70.6% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 8.7% | | | | AA/Black N/A | | | |
| Hispanic 3.5% | | | | Hispanic N/A | | | |
| White 84.4% | | | | White N/A | | | |
| Other 3.5% | | | | Other N/A | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 8.7% | N/A | N/A | AA/Black | 8.7% | 14.4% | -5.7% |
| Hispanic | 3.5% | N/A | N/A | Hispanic | 3.5% | 14.5% | -11.0% |
| White | 84.4% | N/A | N/A | White | 84.4% | 66.4% | 18.0% |
| Other | 3.5% | N/A | N/A | Other | 3.5% | 4.6% | -1.1% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 26 | 17.2% | 15.0% | NW | N/A | N/A | N/A |
| White | 130 | 82.8% | 85.0% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .743 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.126 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 29.4% | 41.2% | 29.4% | 0.0% | NW | 0 | N/A |
| Hispanic | 25.0% | 25.0% | 50.0% | 0.0% | White | 1 | N/A |
| White | 42.5% | 23.8% | 26.9% | 6.9% | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .008* sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

TYNGSBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 310 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 17.8% | Citations per 1000 | |
| | Passing through: | 82.2% | 18 + residents: | 30.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 286) | | | | ITP Stops ³ (N = 116) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.38 | | | | 35.22 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.2% | | | | Female 37.9% | | | |
| Male 66.8% | | | | Male 62.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.8% | | | | Race % Mis/Unk ⁴ 3.4% | | | |
| AA/Black 8.0% | | | | AA/Black 7.1% | | | |
| Hispanic 9.8% | | | | Hispanic 10.7% | | | |
| White 74.2% | | | | White 73.2% | | | |
| Other 8.0% | | | | Other 8.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.0% | 0.9% | 7.1% | AA/Black | 8.0% | 14.4% | -6.4% |
| Hispanic | 9.8% | 4.5% | 5.3% | Hispanic | 9.8% | 14.5% | -4.7% |
| White | 74.2% | 83.6% | -9.4% | White | 74.2% | 66.4% | 7.8% |
| Other | 8.0% | 10.9% | -2.9% | Other | 8.0% | 4.6% | 3.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 65 | 23.8% | 27.2% | NW | 27 | 31.1% | 18.6% |
| White | 190 | 76.2% | 72.8% | White | 77 | 68.9% | 81.4% |
| Chi-square, X-tab ⁶ : | | .539 | not sig. | Chi-square, X-tab ⁶ : | | .151 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .879 | not sig. | Odds ratio Exp(B) ⁷ : | | 2.839 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 63.0% | 18.5% | 11.1% | 7.4% | NW | 2 | N/A |
| Hispanic | 53.6% | 32.1% | 3.6% | 10.7% | White | 0 | N/A |
| White | 72.5% | 12.8% | 10.6% | 4.1% | | | |
| Other | 79.2% | 12.5% | 4.2% | 4.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .175 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

UPTON POLICE DEPARTMENT

| Total Citations ¹ : 1,348 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 11.2% | Citations per 1000 | |
| | Passing through: | 88.8% | 18 + residents: | 222.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,291) | | | | ITP Stops ³ (N = 580) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.98 | | | | 36.98 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.8% | | | | Female 32.7% | | | |
| Male 66.2% | | | | Male 67.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.7% | | | | Race % Mis/Unk ⁴ 0.7% | | | |
| AA/Black 6.1% | | | | AA/Black 4.7% | | | |
| Hispanic 14.3% | | | | Hispanic 13.7% | | | |
| White 73.4% | | | | White 76.7% | | | |
| Other 6.2% | | | | Other 4.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.1% | 7.6% | -1.5% | AA/Black | 6.1% | 14.4% | -8.3% |
| Hispanic | 14.3% | 3.6% | 10.7% | Hispanic | 14.3% | 14.5% | -0.2% |
| White | 73.4% | 80.2% | -6.8% | White | 73.4% | 66.4% | 7.0% |
| Other | 6.2% | 9.4% | -3.2% | Other | 6.2% | 4.6% | 1.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 330 | 25.8% | 28.1% | NW | 124 | 26.2% | 22.3% |
| White | 889 | 74.2% | 71.9% | White | 393 | 73.8% | 77.7% |
| Chi-square, X-tab ⁶ : | | .369 | not sig. | Chi-square, X-tab ⁶ : | | .296 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .876 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.162 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 67.5% | 16.9% | 13.3% | 2.4% | NW | 1 | N/A |
| Hispanic | 45.2% | 15.6% | 37.6% | 1.6% | White | 1 | N/A |
| White | 73.5% | 17.1% | 7.0% | 2.4% | | | |
| Other | 74.1% | 21.0% | 4.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

UXBRIDGE POLICE DEPARTMENT

| Total Citations ¹ : 455 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 29.1% | Citations per 1000 | |
| | Passing through: | 70.9% | 18 + residents: | 40.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 402) | | | | ITP Stops ³ (N = 162) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.06 | | | | 36.37 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.3% | | | | Female 31.7% | | | |
| Male 62.7% | | | | Male 68.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.5% | | | | Race % Mis/Unk ⁴ 1.9% | | | |
| AA/Black 8.9% | | | | AA/Black 6.9% | | | |
| Hispanic 4.8% | | | | Hispanic 5.0% | | | |
| White 84.7% | | | | White 87.4% | | | |
| Other 1.5% | | | | Other 0.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.9% | 1.9% | 7.0% | AA/Black | 8.9% | 14.4% | -5.5% |
| Hispanic | 4.8% | 1.7% | 3.1% | Hispanic | 4.8% | 14.5% | -9.7% |
| White | 84.7% | 94.9% | -10.2% | White | 84.7% | 66.4% | 18.3% |
| Other | 1.5% | 1.4% | 0.1% | Other | 1.5% | 4.6% | -3.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 59 | 14.8% | 18.3% | NW | 20 | 20.3% | 9.3% |
| White | 309 | 85.2% | 81.7% | White | 119 | 79.7% | 90.7% |
| Chi-square, X-tab ⁶ : | | .374 | not sig. | Chi-square, X-tab ⁶ : | | .066 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .753 | not sig. | Odds ratio Exp(B) ⁷ : | | 2.867 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 31.7% | 14.6% | 48.8% | 4.9% | NW | 2 | N/A |
| Hispanic | 26.1% | 8.7% | 52.2% | 13.0% | White | 2 | N/A |
| White | 60.7% | 12.0% | 21.9% | 5.3% | | | |
| Other | 50.0% | 50.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WAKEFIELD POLICE DEPARTMENT

| Total Citations ¹ : 1,140 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 35.1% | Citations per 1000 | |
| | Passing through: | 64.9% | 18 + residents: | 52.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,018) | | | | ITP Stops ³ (N = 606) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.91 | | | | 39.83 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.0% | | | | Female 39.4% | | | |
| Male 61.0% | | | | Male 60.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 4.7% | | | | AA/Black 4.2% | | | |
| Hispanic 3.3% | | | | Hispanic 3.2% | | | |
| White 90.0% | | | | White 90.5% | | | |
| Other 2.0% | | | | Other 2.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.7% | 1.8% | 2.9% | AA/Black | 4.7% | 14.4% | -9.7% |
| Hispanic | 3.3% | 3.5% | -0.2% | Hispanic | 3.3% | 14.5% | -11.2% |
| White | 90.0% | 91.0% | -1.0% | White | 90.0% | 66.4% | 23.6% |
| Other | 2.0% | 3.8% | -1.8% | Other | 2.0% | 4.6% | -2.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 95 | 9.2% | 11.8% | NW | 53 | 9.5% | 10.3% |
| White | 844 | 90.8% | 88.2% | White | 490 | 90.5% | 89.7% |
| Chi-square, X-tab ⁶ : | | .203 | not sig. | Chi-square, X-tab ⁶ : | | .776 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .641 | not sig. | Odds ratio Exp(B) ⁷ : | | .590 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 90.2% | 3.9% | 5.9% | 0.0% | NW | 0 | N/A |
| Hispanic | 68.4% | 5.3% | 21.1% | 5.3% | White | 0 | N/A |
| White | 88.7% | 6.0% | 2.9% | 2.5% | | | |
| Other | 90.5% | 4.8% | 4.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* sig. | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WALPOLE POLICE DEPARTMENT

| Total Citations ¹ : 2,689 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 25.8% | Citations per 1000 | |
| | Passing through: | 74.2% | 18 + residents: | 143.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,645) | | | | ITP Stops ³ (N = 859) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.33 | | | | 39.67 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.4% | | | | Female 39.2% | | | |
| Male 56.6% | | | | Male 60.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.1% | | | | Race % Mis/Unk ⁴ 1.7% | | | |
| AA/Black 8.9% | | | | AA/Black 11.0% | | | |
| Hispanic 5.4% | | | | Hispanic 7.1% | | | |
| White 81.1% | | | | White 76.4% | | | |
| Other 4.6% | | | | Other 5.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.9% | 2.1% | 6.8% | AA/Black | 8.9% | 14.4% | -5.5% |
| Hispanic | 5.4% | 7.9% | -2.5% | Hispanic | 5.4% | 14.5% | -9.1% |
| White | 81.1% | 82.2% | -1.1% | White | 81.1% | 66.4% | 14.7% |
| Other | 4.6% | 7.0% | -2.4% | Other | 4.6% | 4.6% | 0.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 470 | 16.3% | 28.4% | NW | 186 | 21.8% | 28.9% |
| White | 2,007 | 83.7% | 71.6% | White | 591 | 78.2% | 71.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .035* sig. | | | |
| Odds ratio Exp(B) ⁷ : .493* sig. | | | | Odds ratio Exp(B) ⁷ : .726 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 82.1% | 6.0% | 8.1% | 3.8% | NW | 4 | N/A |
| Hispanic | 83.2% | 3.5% | 10.5% | 2.8% | White | 2 | N/A |
| White | 93.8% | 2.3% | 3.4% | 0.6% | | | |
| Other | 95.8% | 4.2% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WALTHAM POLICE DEPARTMENT

| Total Citations ¹ : 2,509 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 42.5% | Citations per 1000 | |
| | Passing through: | 59.5% | 18 + residents: | 46.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,049) | | | | ITP Stops ³ (N = 669) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.71 | | | | 38.76 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.3% | | | | Female 42.8% | | | |
| Male 59.6% | | | | Male 56.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 11.5% | | | | AA/Black 10.1% | | | |
| Hispanic 8.6% | | | | Hispanic 8.8% | | | |
| White 71.5% | | | | White 71.0% | | | |
| Other 8.3% | | | | Other 10.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.5% | 7.1% | 4.4% | AA/Black | 11.5% | 14.4% | -2.9% |
| Hispanic | 8.6% | 13.6% | -5.0% | Hispanic | 8.6% | 14.5% | -5.9% |
| White | 71.5% | 65.9% | 5.6% | White | 71.5% | 66.4% | 5.1% |
| Other | 8.3% | 15.9% | -7.6% | Other | 8.3% | 4.6% | 3.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 537 | 27.7% | 32.3% | NW | 172 | 29.0% | 27.0% |
| White | 1,366 | 72.3% | 67.7% | White | 431 | 71.0% | 73.0% |
| Chi-square, X-tab ⁶ : .146 not sig. | | | | Chi-square, X-tab ⁶ : .655 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .672* sig. | | | | Odds ratio Exp(B) ⁷ : .662 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 77.9% | 5.4% | 15.1% | 1.6% | NW | 3 | N/A |
| Hispanic | 65.9% | 10.6% | 23.4% | 0.0% | White | 5 | N/A |
| White | 87.9% | 6.6% | 5.1% | 0.4% | | | |
| Other | 81.0% | 16.4% | 2.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WARE POLICE DEPARTMENT

| Total Citations ¹ : 545 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 39.4% | Citations per 1000 | |
| | Passing through: | 60.6% | 18 + residents: | 70.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 520) | | | | ITP Stops ³ (N = 191) | | | |
|----------------------------------|----------------------|-------------|--|----------------------------------|----------------------|-------------|--|
| Mean age | | | | Mean age | | | |
| 36.26 | | | | 35.1 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.7% | | | | Female 28.4% | | | |
| Male 66.3% | | | | Male 71.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % | Mis/Unk ⁴ | 4.8% | | Race % | Mis/Unk ⁴ | 3.1% | |
| AA/Black | 8.9% | | | AA/Black | 9.2% | | |
| Hispanic | 6.7% | | | Hispanic | 4.9% | | |
| White | 83.8% | | | White | 84.9% | | |
| Other | 0.6% | | | Other | 1.1% | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.9% | 1.3% | 7.6% | AA/Black | 8.9% | 14.4% | -5.5% |
| Hispanic | 6.7% | 7.7% | -1.0% | Hispanic | 6.7% | 14.5% | -7.8% |
| White | 83.8% | 89.3% | -5.5% | White | 83.8% | 66.4% | 17.4% |
| Other | 0.6% | 2.6% | -2.0% | Other | 0.6% | 4.6% | -4.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 74 | 14.4% | 18.1% | NW | 25 | 18.4% | 10.9% |
| White | 386 | 85.6% | 81.9% | White | 137 | 81.6% | 89.1% |
| Chi-square, X-tab ⁶ : | | .283 | not sig. | Chi-square, X-tab ⁶ : | | .201 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .700 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.346 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 28.9% | 13.3% | 35.6% | 22.2% | NW | 0 | N/A |
| Hispanic | 44.1% | 8.8% | 32.4% | 14.7% | White | 5 | N/A |
| White | 46.1% | 20.6% | 18.6% | 14.7% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .025* sig. | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WAREHAM POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 457 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 16.3% | Citations per 1000 | | | | |
| | Passing through: | | 83.7% | 18 + residents: 24.5 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 376) | | | | ITP Stops ³ (N = 149) | | | | |
| Mean age | | | | Mean age | | | | |
| 38.29 | | | | 38.39 | | | | |
| Gender % | | | | Gender % | | | | |
| Female 30.2% | | | | Female 32.0% | | | | |
| Male 69.8% | | | | Male 68.0% | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | |
| Race % Mis/Unk ⁴ 4.8% | | | | Race % Mis/Unk ⁴ 4.0% | | | | |
| AA/Black 17.0% | | | | AA/Black 18.2% | | | | |
| Hispanic 3.1% | | | | Hispanic 4.2% | | | | |
| White 78.8% | | | White 76.2% | | | | | |
| Other 1.1% | | | Other 1.4% | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 17.0% | 2.7% | 14.3% | | AA/Black | 17.0% | 14.4% | 2.6% |
| Hispanic | 3.1% | 3.6% | -0.5% | | Hispanic | 3.1% | 14.5% | -11.4% |
| White | 78.8% | 84.5% | -5.7% | | White | 78.8% | 66.4% | 12.4% |
| Other | 1.1% | 6.3% | -5.2% | | Other | 1.1% | 4.6% | -3.5% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 70 | 18.8% | 27.4% | | NW | 32 | 23.2% | 33.3% |
| White | 259 | 81.2% | 72.6% | | White | 94 | 76.8% | 66.7% |
| Chi-square, X-tab ⁶ : | | .085 | not sig. | | Chi-square, X-tab ⁶ : | | .285 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .577 | not sig. | | Odds ratio Exp(B) ⁷ : | | .410 | not sig. |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 34.8% | 20.3% | 34.8% | 10.1% | NW | 1 | N/A | |
| Hispanic | 50.0% | 16.7% | 8.3% | 25.0% | White | 8 | N/A | |
| White | 43.1% | 20.4% | 26.1% | 10.5% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | | | | | |
| .201 not sig. | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WARREN POLICE DEPARTMENT

| Total Citations ¹ : 763 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 22.7% | Citations per 1000 | |
| | Passing through: | 77.3% | 18 + residents: | 188.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 750) | | | | ITP Stops ³ (N = 371) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.66 | | | | 35.51 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.2% | | | | Female 36.9% | | | |
| Male 65.5% | | | | Male 62.8% | | | |
| Non-binary 0.3% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 3.3% | | | | Race % Mis/Unk ⁴ 1.6% | | | |
| AA/Black 3.0% | | | | AA/Black 2.2% | | | |
| Hispanic 4.7% | | | | Hispanic 5.5% | | | |
| White 91.6% | | | | White 92.3% | | | |
| Other 0.7% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.0% | 0.6% | 2.4% | AA/Black | 3.0% | 14.4% | -11.4% |
| Hispanic | 4.7% | 1.2% | 3.5% | Hispanic | 4.7% | 14.5% | -9.8% |
| White | 91.6% | 95.6% | -4.0% | White | 91.6% | 66.4% | 25.2% |
| Other | 0.7% | 2.5% | -1.8% | Other | 0.7% | 4.6% | -3.9% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 53 | 8.2% | 8.5% | NW | 25 | 7.2% | 8.8% |
| White | 580 | 91.8% | 91.5% | White | 289 | 92.8% | 91.2% |
| Chi-square, X-tab ⁶ : .891 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .588 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : 1.047 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.335 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 77.3% | 4.5% | 18.2% | 0.0% | NW | 0 | N/A |
| Hispanic | 79.4% | 8.8% | 11.8% | 0.0% | White | 0 | N/A |
| White | 82.7% | 9.6% | 7.2% | 0.4% | | | |
| Other | 40.0% | 40.0% | 20.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .227 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WARWICK POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|----------|----------|
| Total Citations ¹ : 237 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 28.7% | Citations per 1000 | | | | | | |
| | Passing through: | | 71.3% | 18 + residents: N/A | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 231) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 40.48 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 35.1% | | | | Female N/A | | | | | | |
| Male 64.9% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 0.9% | | | | AA/Black N/A | | | | | | |
| Hispanic 1.8% | | | | Hispanic N/A | | | | | | |
| White 97.4% | | | White N/A | | | | | | | |
| Other 0.0% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 0.9% | N/A | N/A | | AA/Black | 0.9% | 14.4% | -13.5% | | |
| Hispanic | 1.8% | N/A | N/A | | Hispanic | 1.8% | 14.5% | -12.7% | | |
| White | 97.4% | N/A | N/A | | White | 97.4% | 66.4% | 31.0% | | |
| Other | 0.0% | N/A | N/A | | Other | 0.0% | 4.6% | -4.6% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A | | |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 50.0% | 50.0% | 0.0% | 0.0% | NW | 2 | N/A | | | |
| Hispanic | 50.0% | 33.3% | 16.7% | 0.0% | White | 2 | N/A | | | |
| White | 60.2% | 33.6% | 6.2% | 0.0% | | | | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : .841 not sig. | | | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WATERTOWN POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|--------------------|---|--------------------------------------|--------------|--------------|--------------|----------|----------|
| Total Citations ¹ : 497 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 24.1% | Citations per 1000 | | | | | | |
| | Passing through: | | 75.9% | 18 + residents: 16.3 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 424) | | | | ITP Stops ³ (N = 140) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 37.67 | | | | 37.04 | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 35.9% | | | | Female 36.0% | | | | | | |
| Male 64.1% | | | | Male 64.0% | | | | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 0.0% | | | | | | |
| AA/Black 14.8% | | | | AA/Black 10.0% | | | | | | |
| Hispanic 12.6% | | | | Hispanic 9.3% | | | | | | |
| White 60.4% | | | White 67.1% | | | | | | | |
| Other 12.2% | | | Other 13.6% | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 14.8% | 1.6% | 13.2% | | AA/Black | 14.8% | 14.4% | 0.4% | | |
| Hispanic | 12.6% | 9.2% | 3.4% | | Hispanic | 12.6% | 14.5% | -1.9% | | |
| White | 60.4% | 76.4% | -16.0% | | White | 60.4% | 66.4% | -6.0% | | |
| Other | 12.2% | 12.7% | -0.5% | | Other | 12.2% | 4.6% | 7.6% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | 151 | 35.5% | 44.8% | | NW | N/A | N/A | N/A | | |
| White | 249 | 64.5% | 55.2% | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | .103 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | .802 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 70.4% | 5.6% | 21.1% | 2.8% | NW | 0 | N/A | | | |
| Hispanic | 58.2% | 10.4% | 26.9% | 4.5% | White | 0 | N/A | | | |
| White | 75.3% | 14.3% | 8.3% | 2.0% | | | | | | |
| Other | 75.5% | 17.0% | 5.7% | 1.9% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .000* sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WAYLAND POLICE DEPARTMENT

| | | | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|--------------|----------|----------|
| Total Citations ¹ : 209 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
| | Intown motorist: | | 13.5% | Citations per 1000 | | | | | | |
| | Passing through: | | 86.5% | 18 + residents: 20.6 | | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 163) | | | | ITP Stops ³ (N = N/A) | | | | | | |
| Mean age | | | | Mean age | | | | | | |
| 42.31 | | | | N/A | | | | | | |
| Gender % | | | | Gender % | | | | | | |
| Female 39.9% | | | | Female N/A | | | | | | |
| Male 60.1% | | | | Male N/A | | | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | | | |
| Race % Mis/Unk ⁴ 6.7% | | | | Race % Mis/Unk ⁴ N/A | | | | | | |
| AA/Black 5.3% | | | | AA/Black N/A | | | | | | |
| Hispanic 13.2% | | | | Hispanic N/A | | | | | | |
| White 70.4% | | | White N/A | | | | | | | |
| Other 11.1% | | | Other N/A | | | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 5.3% | 0.7% | 4.6% | | AA/Black | 5.3% | 14.4% | -9.1% | | |
| Hispanic | 13.2% | 4.8% | 8.4% | | Hispanic | 13.2% | 14.5% | -1.3% | | |
| White | 70.4% | 79.6% | -9.2% | | White | 70.4% | 66.4% | 4.0% | | |
| Other | 11.1% | 15.0% | -3.9% | | Other | 11.1% | 4.6% | 6.5% | | |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | 38 | 23.7% | 45.8% | | NW | N/A | N/A | N/A | | |
| White | 100 | 76.3% | 54.2% | | White | N/A | N/A | N/A | | |
| Chi-square, X-tab ⁶ : | | .027* | sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A | | |
| Odds ratio Exp(B) ⁷ : | | .273* | sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A | | |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 50.0% | 25.0% | 25.0% | 0.0% | NW | 0 | N/A | | | |
| Hispanic | 29.4% | 2.9% | 64.7% | 2.9% | White | 1 | N/A | | | |
| White | 73.7% | 8.8% | 16.1% | 1.5% | | | | | | |
| Other | 66.7% | 11.1% | 22.2% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | .000* sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEBSTER POLICE DEPARTMENT

| Total Citations ¹ : 1,375 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 41.4% | Citations per 1000 | |
| | Passing through: | 58.6% | 18 + residents: | 101.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,290) | | | | ITP Stops ³ (N = 486) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.71 | | | | 36.7 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.0% | | | | Female 39.9% | | | |
| Male 62.0% | | | | Male 60.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 8.2% | | | | AA/Black 5.4% | | | |
| Hispanic 16.6% | | | | Hispanic 16.2% | | | |
| White 72.5% | | | | White 76.3% | | | |
| Other 2.7% | | | | Other 2.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.2% | 4.9% | 3.3% | AA/Black | 8.2% | 14.4% | -6.2% |
| Hispanic | 16.6% | 12.1% | 4.5% | Hispanic | 16.6% | 14.5% | 2.1% |
| White | 72.5% | 80.0% | -7.5% | White | 72.5% | 66.4% | 6.1% |
| Other | 2.7% | 4.1% | -1.4% | Other | 2.7% | 4.6% | -1.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 324 | 24.1% | 30.1% | NW | 92 | 18.8% | 24.5% |
| White | 864 | 75.9% | 69.9% | White | 327 | 81.2% | 75.5% |
| Chi-square, X-tab ⁶ : .020* sig. | | | | Chi-square, X-tab ⁶ : .165 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .802 not sig. | | | | Odds ratio Exp(B) ⁷ : .604 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 39.1% | 8.7% | 45.2% | 7.0% | NW | 2 | N/A |
| Hispanic | 47.7% | 5.9% | 43.2% | 3.2% | White | 7 | N/A |
| White | 63.4% | 7.7% | 22.1% | 6.8% | | | |
| Other | 80.6% | 5.6% | 11.1% | 2.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WELLESLEY POLICE DEPARTMENT

| Total Citations ¹ : 2,329 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 16.6% | Citations per 1000 | |
| | Passing through: | 83.4% | 18 + residents: | 108.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,179) | | | | ITP Stops ³ (N = 827) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.38 | | | | 41.54 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.0% | | | | Female 37.5% | | | |
| Male 64.9% | | | | Male 62.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 1.7% | | | |
| AA/Black 8.9% | | | | AA/Black 8.0% | | | |
| Hispanic 8.5% | | | | Hispanic 7.1% | | | |
| White 74.4% | | | | White 76.3% | | | |
| Other 8.2% | | | | Other 8.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.9% | 2.9% | 6.0% | AA/Black | 8.9% | 14.4% | -5.5% |
| Hispanic | 8.5% | 5.1% | 3.4% | Hispanic | 8.5% | 14.5% | -6.0% |
| White | 74.4% | 76.6% | -2.2% | White | 74.4% | 66.4% | 8.0% |
| Other | 8.2% | 15.9% | -7.7% | Other | 8.2% | 4.6% | 3.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 518 | 22.6% | 34.1% | NW | 173 | 20.7% | 28.0% |
| White | 1,521 | 77.4% | 65.9% | White | 575 | 79.3% | 72.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .025* sig. | | | |
| Odds ratio Exp(B) ⁷ : .555* sig. | | | | Odds ratio Exp(B) ⁷ : .495* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 80.2% | 7.2% | 10.1% | 2.4% | NW | 1 | N/A |
| Hispanic | 75.3% | 13.9% | 9.3% | 1.5% | White | 0 | N/A |
| White | 84.9% | 10.4% | 3.6% | 1.1% | | | |
| Other | 82.1% | 15.3% | 1.1% | 1.6% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WELLFLEET POLICE DEPARTMENT

| Total Citations ¹ : 570 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 12.3% | Citations per 1000 | |
| | Passing through: | 87.7% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 563) | | | | ITP Stops ³ (N = 266) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.93 | | | | 40.89 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.5% | | | | Female 36.1% | | | |
| Male 64.5% | | | | Male 63.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.8% | | | | Race % Mis/Unk ⁴ 1.5% | | | |
| AA/Black 9.8% | | | | AA/Black 8.4% | | | |
| Hispanic 4.5% | | | | Hispanic 5.0% | | | |
| White 83.4% | | | | White 84.7% | | | |
| Other 2.4% | | | | Other 1.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.8% | N/A | N/A | AA/Black | 9.8% | 14.4% | -4.6% |
| Hispanic | 4.5% | N/A | N/A | Hispanic | 4.5% | 14.5% | -10.0% |
| White | 83.4% | N/A | N/A | White | 83.4% | 66.4% | 17.0% |
| Other | 2.4% | N/A | N/A | Other | 2.4% | 4.6% | -2.2% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 79 | 14.8% | 17.6% | NW | 32 | 11.8% | 19.6% |
| White | 434 | 85.2% | 82.4% | White | 206 | 88.2% | 80.4% |
| Chi-square, X-tab ⁶ : .477 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .146 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .826 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .816 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 85.2% | 5.6% | 9.3% | 0.0% | NW | 0 | N/A |
| Hispanic | 76.0% | 8.0% | 16.0% | 0.0% | White | 0 | N/A |
| White | 86.8% | 6.4% | 5.8% | 1.1% | | | |
| Other | 76.9% | 23.1% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .203 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WENHAM POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------------|----------|----------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 267 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: 5.2% | | | Citations per 1000 | | | | |
| | Passing through: 94.8% | | | 18 + residents: 60 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 251) | | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | | Mean age | | | |
| 39.71 | | | | | N/A | | | |
| Gender % | | | | | Gender % | | | |
| Female 44.8% | | | | | Female N/A | | | |
| Male 55.2% | | | | | Male N/A | | | |
| Non-binary 0.0% | | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 4.0% | | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 3.7% | | | | | AA/Black N/A | | | |
| Hispanic 6.2% | | | | | Hispanic N/A | | | |
| White 87.8% | | | | White N/A | | | | |
| Other 2.5% | | | | Other N/A | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 3.7% | 2.7% | 1.0% | | AA/Black | 3.7% | 14.4% | -10.7% |
| Hispanic | 6.2% | 5.4% | 0.8% | | Hispanic | 6.2% | 14.5% | -8.3% |
| White | 87.8% | 87.8% | 0.0% | | White | 87.8% | 66.4% | 21.4% |
| Other | 2.5% | 4.5% | -2.0% | | Other | 2.5% | 4.6% | -2.1% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 26 | 10.3% | 20.5% | | NW | N/A | N/A | N/A |
| White | 188 | 89.7% | 79.5% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .077 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .470 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 40.0% | 20.0% | 40.0% | 0.0% | NW | 0 | N/A | |
| Hispanic | 25.0% | 18.8% | 50.0% | 6.3% | White | 2 | N/A | |
| White | 60.4% | 12.4% | 25.3% | 1.8% | | | | |
| Other | 83.3% | 0.0% | 16.7% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .205 not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEST BOYLSTON POLICE DEPARTMENT

| Total Citations ¹ : 299 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 13.7% | Citations per 1000 | |
| | Passing through: | 86.3% | 18 + residents: | 42.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 291) | | | | ITP Stops ³ (N = 107) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.67 | | | | 38.52 | | | |
| Gender % | | | | Gender % | | | |
| Female 45.0% | | | | Female 46.7% | | | |
| Male 55.0% | | | | Male 53.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.1% | | | | Race % Mis/Unk ⁴ 1.9% | | | |
| AA/Black 7.1% | | | | AA/Black 4.8% | | | |
| Hispanic 11.7% | | | | Hispanic 11.4% | | | |
| White 75.9% | | | | White 76.2% | | | |
| Other 5.3% | | | | Other 7.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.1% | 6.3% | 0.8% | AA/Black | 7.1% | 14.4% | -7.3% |
| Hispanic | 11.7% | 12.3% | -0.6% | Hispanic | 11.7% | 14.5% | -2.8% |
| White | 75.9% | 79.4% | -3.5% | White | 75.9% | 66.4% | 9.5% |
| Other | 5.3% | 3.9% | 1.4% | Other | 5.3% | 4.6% | 0.7% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 63 | 24.3% | 20.7% | NW | 20 | 22.6% | 18.8% |
| White | 205 | 75.7% | 79.3% | White | 74 | 77.4% | 81.3% |
| Chi-square, X-tab ⁶ : | | .568 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .667 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | 1.517 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | 1.041 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-----------------|-------------|-------|----------|------------|
| AA/Black | 65.0% | 5.0% | 30.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 81.8% | 6.1% | 12.1% | 0.0% | White | 2 | N/A |
| White | 80.2% | 7.2% | 12.2% | 0.5% | | | |
| Other | 86.7% | 13.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .477 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEST BRIDGEWATER POLICE DEPARTMENT

| Total Citations ¹ : 2,150 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 6.7% | Citations per 1000 | |
| | Passing through: | 93.3% | 18 + residents: | 373.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,111) | | | | ITP Stops ³ (N = 837) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.5 | | | | 34.96 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.3% | | | | Female 37.2% | | | |
| Male 61.7% | | | | Male 62.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 29.1% | | | | AA/Black 29.3% | | | |
| Hispanic 7.5% | | | | Hispanic 6.3% | | | |
| White 62.2% | | | | White 63.0% | | | |
| Other 1.2% | | | | Other 1.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 29.1% | 1.8% | 27.3% | AA/Black | 29.1% | 14.4% | 14.7% |
| Hispanic | 7.5% | 3.1% | 4.4% | Hispanic | 7.5% | 14.5% | -7.0% |
| White | 62.2% | 92.8% | -30.6% | White | 62.2% | 66.4% | -4.2% |
| Other | 1.2% | 2.3% | -1.1% | Other | 1.2% | 4.6% | -3.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 748 | 35.3% | 45.0% | NW | 269 | 36.7% | 36.9% |
| White | 1,234 | 64.7% | 55.0% | White | 463 | 63.3% | 63.1% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .964 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .630* | sig. | Odds ratio Exp(B) ⁷ : | | .939 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|------------|--------------|
| AA/Black | 68.0% | 14.8% | 15.4% | 1.8% | NW | 71 | 36.2% |
| Hispanic | 63.1% | 11.3% | 24.4% | 1.3% | White | 125 | 63.8% |
| White | 73.8% | 16.6% | 7.5% | 2.1% | | | |
| Other | 79.2% | 16.7% | 4.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WEST BROOKFIELD POLICE DEPARTMENT

| | | | | | | | |
|---|-------------------------------|---------------|--------------|--|--------------|--------------|---------------|
| Total Citations ¹ : 196 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: 5.6% | | | Citations per 1000 | | | |
| | Passing through: 94.4% | | | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 177) | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | Mean age | | | |
| 40.8 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 29.4% | | | | Female N/A | | | |
| Male 70.6% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 8.7% | | | | AA/Black N/A | | | |
| Hispanic 3.5% | | | | Hispanic N/A | | | |
| White 84.4% | | | | White N/A | | | |
| Other 3.5% | | | | Other N/A | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 8.7% | N/A | N/A | AA/Black | 8.7% | 14.4% | -5.7% |
| Hispanic | 3.5% | N/A | N/A | Hispanic | 3.5% | 14.5% | -11.0% |
| White | 84.4% | N/A | N/A | White | 84.4% | 66.4% | 18.0% |
| Other | 3.5% | N/A | N/A | Other | 3.5% | 4.6% | -1.1% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 26 | 17.2% | 15.0% | NW | N/A | N/A | N/A |
| White | 130 | 82.8% | 85.0% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .743 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.126 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 29.4% | 41.2% | 29.4% | 0.0% | NW | 0 | N/A |
| Hispanic | 25.0% | 25.0% | 50.0% | 0.0% | White | 1 | N/A |
| White | 42.5% | 23.8% | 26.9% | 6.9% | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .008* | sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEST NEWBURY POLICE DEPARTMENT

| Total Citations ¹ : 421 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 20.5% | Citations per 1000 | |
| | Passing through: | 79.5% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 409) | | | | ITP Stops ³ (N = 184) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.06 | | | | 36.81 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.6% | | | | Female 24.6% | | | |
| Male 68.4% | | | | Male 75.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ 2.7% | | | |
| AA/Black 4.8% | | | | AA/Black 5.6% | | | |
| Hispanic 11.3% | | | | Hispanic 9.5% | | | |
| White 83.1% | | | | White 84.4% | | | |
| Other 0.8% | | | | Other 0.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.8% | N/A | N/A | AA/Black | 4.8% | 14.4% | -9.6% |
| Hispanic | 11.3% | N/A | N/A | Hispanic | 11.3% | 14.5% | -3.2% |
| White | 83.1% | N/A | N/A | White | 83.1% | 66.4% | 16.7% |
| Other | 0.8% | N/A | N/A | Other | 0.8% | 4.6% | -3.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 62 | 14.4% | 20.4% | NW | 25 | 12.7% | 19.7% |
| White | 300 | 85.6% | 79.6% | White | 130 | 87.3% | 80.3% |
| Chi-square, X-tab ⁶ : .131 not sig. | | | | Chi-square, X-tab ⁶ : .231 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .615 not sig. | | | | Odds ratio Exp(B) ⁷ : .518 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 26.3% | 31.6% | 36.8% | 5.3% | NW | 0 | N/A |
| Hispanic | 42.2% | 28.9% | 26.7% | 2.2% | White | 6 | N/A |
| White | 47.7% | 31.0% | 18.1% | 3.2% | | | |
| Other | 66.7% | 0.0% | 0.0% | 33.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .059 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEST SPRINGFIELD POLICE DEPARTMENT

| Total Citations ¹ : 1,306 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 26.0% | Citations per 1000 | |
| | Passing through: | 74.0% | 18 + residents: | 57.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,226) | | | | ITP Stops ³ (N = 397) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.41 | | | | 34.05 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.9% | | | | Female 38.2% | | | |
| Male 59.0% | | | | Male 61.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 6.2% | | | | Race % Mis/Unk ⁴ 2.3% | | | |
| AA/Black 14.1% | | | | AA/Black 11.3% | | | |
| Hispanic 10.5% | | | | Hispanic 17.5% | | | |
| White 73.2% | | | | White 67.8% | | | |
| Other 2.2% | | | | Other 3.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.1% | 3.2% | 10.9% | AA/Black | 14.1% | 14.4% | -0.3% |
| Hispanic | 10.5% | 10.6% | -0.1% | Hispanic | 10.5% | 14.5% | -4.0% |
| White | 73.2% | 79.6% | -6.4% | White | 73.2% | 66.4% | 6.8% |
| Other | 2.2% | 7.5% | -5.3% | Other | 2.2% | 4.6% | -2.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 253 | 22.3% | 35.4% | NW | 118 | 32.6% | 32.5% |
| White | 722 | 77.7% | 64.6% | White | 244 | 67.4% | 67.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .982 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .449* sig. | | | | Odds ratio Exp(B) ⁷ : .543 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 50.6% | 19.0% | 30.5% | 0.0% | NW | 1 | N/A |
| Hispanic | 72.8% | 24.8% | 2.4% | 0.0% | White | 2 | N/A |
| White | 67.9% | 16.6% | 15.4% | 0.1% | | | |
| Other | 84.6% | 11.5% | 3.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WESTBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 5,919 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 19.5% | Citations per 1000 | |
| | Passing through: | 80.5% | 18 + residents: | 416.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,839) | | | | ITP Stops ³ (N = 1,832) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.08 | | | | 38.77 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.5% | | | | Female 36.9% | | | |
| Male 61.5% | | | | Male 63.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.5% | | | | Race % Mis/Unk ⁴ 0.7% | | | |
| AA/Black 10.5% | | | | AA/Black 8.7% | | | |
| Hispanic 11.9% | | | | Hispanic 11.2% | | | |
| White 66.9% | | | | White 66.0% | | | |
| Other 10.7% | | | | Other 14.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.5% | 1.9% | 8.6% | AA/Black | 10.5% | 14.4% | -3.9% |
| Hispanic | 11.9% | 6.2% | 5.7% | Hispanic | 11.9% | 14.5% | -2.6% |
| White | 66.9% | 65.0% | 1.9% | White | 66.9% | 66.4% | 0.5% |
| Other | 10.7% | 27.0% | -16.3% | Other | 10.7% | 4.6% | 6.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,860 | 27.1% | 45.3% | NW | 554 | 32.2% | 37.3% |
| White | 3,761 | 72.9% | 54.7% | White | 1,085 | 67.8% | 62.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .045* sig. | | | |
| Odds ratio Exp(B) ⁷ : .466* sig. | | | | Odds ratio Exp(B) ⁷ : .842 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|------------|--------------|
| AA/Black | 85.8% | 6.1% | 7.1% | 1.0% | NW | 78 | 38.8% |
| Hispanic | 70.3% | 10.4% | 14.9% | 4.4% | White | 123 | 61.2% |
| White | 89.6% | 6.0% | 3.4% | 1.0% | | | |
| Other | 93.1% | 4.9% | 1.6% | 0.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WESTFIELD POLICE DEPARTMENT

| Total Citations ¹ : 3,573 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 41.8% | Citations per 1000 | |
| | Passing through: | 58.2% | 18 + residents: | 105.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,046) | | | | ITP Stops ³ (N = 877) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.85 | | | | 34.94 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.0% | | | | Female 35.7% | | | |
| Male 59.9% | | | | Male 64.2% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.9% | | | | Race % Mis/Unk ⁴ 1.9% | | | |
| AA/Black 6.5% | | | | AA/Black 6.5% | | | |
| Hispanic 7.4% | | | | Hispanic 7.2% | | | |
| White 84.6% | | | | White 84.5% | | | |
| Other 1.5% | | | | Other 1.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.5% | 1.6% | 4.9% | AA/Black | 6.5% | 14.4% | -7.9% |
| Hispanic | 7.4% | 9.5% | -2.1% | Hispanic | 7.4% | 14.5% | -7.1% |
| White | 84.6% | 85.0% | -0.4% | White | 84.6% | 66.4% | 18.2% |
| Other | 1.5% | 4.3% | -2.8% | Other | 1.5% | 4.6% | -3.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 435 | 14.4% | 18.1% | NW | 117 | 15.4% | 16.1% |
| White | 2,385 | 85.6% | 81.9% | White | 633 | 84.7% | 83.9% |
| Chi-square, X-tab ⁶ : .013* sig. | | | | Chi-square, X-tab ⁶ : .796 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .762* sig. | | | | Odds ratio Exp(B) ⁷ : .856 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 61.5% | 26.2% | 10.4% | 1.8% | NW | 2 | N/A |
| Hispanic | 55.5% | 37.1% | 6.5% | 0.8% | White | 17 | N/A |
| White | 74.0% | 21.2% | 3.8% | 1.0% | | | |
| Other | 60.8% | 31.4% | 5.9% | 2.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WESTFORD POLICE DEPARTMENT

| Total Citations ¹ : 3,466 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 27.7% | Citations per 1000 | |
| | Passing through: | 72.3% | 18 + residents: | 189.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,172) | | | | ITP Stops ³ (N = 1,256) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.32 | | | | 37.48 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.8% | | | | Female 31.2% | | | |
| Male 67.1% | | | | Male 68.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 6.9% | | | | AA/Black 6.2% | | | |
| Hispanic 1.7% | | | | Hispanic 1.9% | | | |
| White 82.9% | | | | White 82.0% | | | |
| Other 8.6% | | | | Other 10.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.9% | 0.9% | 6.0% | AA/Black | 6.9% | 14.4% | -7.5% |
| Hispanic | 1.7% | 1.5% | 0.2% | Hispanic | 1.7% | 14.5% | -12.8% |
| White | 82.9% | 76.1% | 6.8% | White | 82.9% | 66.4% | 16.5% |
| Other | 8.6% | 21.6% | -13.0% | Other | 8.6% | 4.6% | 4.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 502 | 16.4% | 18.0% | NW | 192 | 18.9% | 16.4% |
| White | 2,451 | 83.6% | 82.0% | White | 896 | 81.1% | 83.6% |
| Chi-square, X-tab ⁶ : .284 not sig. | | | | Chi-square, X-tab ⁶ : .274 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .831 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.032 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 69.1% | 20.3% | 9.3% | 1.3% | NW | 0 | N/A |
| Hispanic | 69.0% | 15.5% | 12.1% | 3.4% | White | 5 | N/A |
| White | 72.1% | 20.7% | 6.4% | 0.8% | | | |
| Other | 75.9% | 21.6% | 2.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .008* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WESTMINSTER POLICE DEPARTMENT

| Total Citations ¹ : 818 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 11.0% | Citations per 1000 | |
| | Passing through: | 89.0% | 18 + residents: | 130 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 776) | | | | ITP Stops ³ (N = 307) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.93 | | | | 35.53 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.4% | | | | Female 34.6% | | | |
| Male 63.3% | | | | Male 65.4% | | | |
| Non-binary 0.3% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 0.7% | | | |
| AA/Black 7.7% | | | | AA/Black 5.9% | | | |
| Hispanic 7.0% | | | | Hispanic 4.9% | | | |
| White 84.3% | | | | White 88.2% | | | |
| Other 1.0% | | | | Other 1.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.7% | 0.0% | 7.7% | AA/Black | 7.7% | 14.4% | -6.7% |
| Hispanic | 7.0% | 3.3% | 3.7% | Hispanic | 7.0% | 14.5% | -7.5% |
| White | 84.3% | 96.2% | -11.9% | White | 84.3% | 66.4% | 17.9% |
| Other | 1.0% | 0.4% | 0.6% | Other | 1.0% | 4.6% | -3.6% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 113 | 16.5% | 14.7% | NW | 31 | 14.6% | 7.3% |
| White | 607 | 83.5% | 85.3% | White | 243 | 85.4% | 92.7% |
| Chi-square, X-tab ⁶ : .494 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .059 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : 1.049 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.128 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 78.0% | 13.6% | 6.8% | 1.7% | NW | 0 | N/A |
| Hispanic | 70.9% | 7.3% | 21.8% | 0.0% | White | 0 | N/A |
| White | 80.7% | 8.3% | 8.3% | 2.6% | | | |
| Other | 70.0% | 20.0% | 10.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .058 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WESTON POLICE DEPARTMENT

| Total Citations ¹ : 662 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 17.7% | Citations per 1000 | |
| | Passing through: | 82.3% | 18 + residents: | 73.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 612) | | | | ITP Stops ³ (N = 304) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 42.65 | | | | 41.21 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.3% | | | | Female 39.5% | | | |
| Male 62.6% | | | | Male 60.2% | | | |
| Non-binary 0.2% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 7.9% | | | | AA/Black 7.0% | | | |
| Hispanic 13.2% | | | | Hispanic 13.0% | | | |
| White 67.5% | | | | White 70.1% | | | |
| Other 11.3% | | | | Other 10.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.9% | 1.9% | 6.0% | AA/Black | 7.9% | 14.4% | -6.5% |
| Hispanic | 13.2% | 3.8% | 9.4% | Hispanic | 13.2% | 14.5% | -1.3% |
| White | 67.5% | 76.4% | -8.9% | White | 67.5% | 66.4% | 1.1% |
| Other | 11.3% | 16.9% | -5.6% | Other | 11.3% | 4.6% | 6.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 182 | 29.2% | 39.5% | NW | 82 | 30.9% | 33.3% |
| White | 363 | 70.8% | 60.5% | White | 175 | 69.1% | 66.7% |
| Chi-square, X-tab ⁶ : .012* sig. | | | | Chi-square, X-tab ⁶ : .683 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .614* sig. | | | | Odds ratio Exp(B) ⁷ : .972 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 72.7% | 14.5% | 12.7% | 0.0% | NW | 1 | N/A |
| Hispanic | 53.8% | 16.5% | 28.6% | 1.1% | White | 2 | N/A |
| White | 78.7% | 14.4% | 6.2% | 0.7% | | | |
| Other | 85.9% | 12.7% | 1.4% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WESTPORT POLICE DEPARTMENT

| | | | | | | |
|---|-------------------------------|----------|----------|---|-------|-------------------|
| Total Citations ¹ : 1,782 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | |
| | Intown motorist: 33.7% | | | Citations per 1000 | | |
| | Passing through: 66.3% | | | 18 + residents: 134.4 | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | |
| All Stops ² (N = 1,675) | | | | ITP Stops ³ (N = 527) | | |
| Mean age | | | | Mean age | | |
| 39.97 | | | | 38.98 | | |
| Gender % | | | | Gender % | | |
| Female 41.9% | | | | Female 42.2% | | |
| Male 58.0% | | | | Male 57.8% | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ 2.7% | | |
| AA/Black 6.5% | | | | AA/Black 4.3% | | |
| Hispanic 1.2% | | | | Hispanic 1.4% | | |
| White 91.3% | | | | White 93.6% | | |
| Other 1.0% | | | | Other 0.8% | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | |
| Comparative Analyses | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg %Dif |
| AA/Black | 6.5% | 0.1% | 6.4% | AA/Black | 6.5% | 14.4% -7.9% |
| Hispanic | 1.2% | 1.7% | -0.5% | Hispanic | 1.2% | 14.5% -13.3% |
| White | 91.3% | 97.0% | -5.7% | White | 91.3% | 66.4% 24.9% |
| Other | 1.0% | 1.4% | -0.4% | Other | 1.0% | 4.6% -3.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | |
| VoD Analyses | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | |
| Race | N | Daylight | Darkness | Race | N | Daylight Darkness |
| NW | 135 | 6.3% | 13.6% | NW | 31 | 4.1% 9.7% |
| White | 1,354 | 93.7% | 86.4% | White | 418 | 95.9% 90.3% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .018* sig. |
| Odds ratio Exp(B) ⁷ : | | .389* | sig. | Odds ratio Exp(B) ⁷ : | | .355* sig. |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? |
| AA/Black | 59.6% | 19.3% | 20.2% | 0.9% | NW | 0 N/A |
| Hispanic | 54.5% | 0.0% | 40.9% | 4.5% | White | 4 N/A |
| White | 74.9% | 13.4% | 11.1% | 0.6% | | |
| Other | 88.2% | 5.9% | 5.9% | 0.0% | | Counts Percent |
| Chi-square, X-tab ⁶ : | | | | | | |
| .000* sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WESTWOOD POLICE DEPARTMENT

| Total Citations ¹ : 2,893 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 13.4% | Citations per 1000 | |
| | Passing through: | 86.6% | 18 + residents: | 236.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,807) | | | | ITP Stops ³ (N = 1,052) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.34 | | | | 39.86 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.7% | | | | Female 36.5% | | | |
| Male 57.2% | | | | Male 63.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ 4.5% | | | |
| AA/Black 16.1% | | | | AA/Black 17.2% | | | |
| Hispanic 6.9% | | | | Hispanic 8.1% | | | |
| White 72.1% | | | | White 69.1% | | | |
| Other 4.9% | | | | Other 5.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 16.1% | 0.7% | 15.4% | AA/Black | 16.1% | 14.4% | 1.7% |
| Hispanic | 6.9% | 3.0% | 3.9% | Hispanic | 6.9% | 14.5% | -7.6% |
| White | 72.1% | 84.4% | -12.3% | White | 72.1% | 66.4% | 5.7% |
| Other | 4.9% | 11.4% | -6.5% | Other | 4.9% | 4.6% | 0.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 701 | 25.3% | 33.9% | NW | 275 | 31.6% | 31.4% |
| White | 1,821 | 74.7% | 66.1% | White | 598 | 68.4% | 68.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .942 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .702* sig. | | | | Odds ratio Exp(B) ⁷ : 1.621* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 81.7% | 11.4% | 6.3% | 0.7% | NW | 1 | N/A |
| Hispanic | 81.6% | 11.1% | 5.3% | 2.1% | White | 6 | N/A |
| White | 89.3% | 7.1% | 2.8% | 0.8% | | | |
| Other | 88.9% | 6.7% | 3.7% | 0.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEYMOUTH POLICE DEPARTMENT

| Total Citations ¹ : 5,901 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 40.0% | Citations per 1000 | |
| | Passing through: | 60.0% | 18 + residents: | 124.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,642) | | | | ITP Stops ³ (N = 1,813) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.88 | | | | 37.19 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.7% | | | | Female 39.1% | | | |
| Male 59.2% | | | | Male 60.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 7.2% | | | | Race % Mis/Unk ⁴ 3.9% | | | |
| AA/Black 11.5% | | | | AA/Black 12.0% | | | |
| Hispanic 4.5% | | | | Hispanic 5.3% | | | |
| White 81.3% | | | | White 79.2% | | | |
| Other 2.8% | | | | Other 3.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.5% | 5.6% | 5.9% | AA/Black | 11.5% | 14.4% | -2.9% |
| Hispanic | 4.5% | 3.8% | 0.7% | Hispanic | 4.5% | 14.5% | -10.0% |
| White | 81.3% | 81.6% | -0.3% | White | 81.3% | 66.4% | 14.9% |
| Other | 2.8% | 8.5% | -5.7% | Other | 2.8% | 4.6% | -1.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 922 | 16.1% | 25.8% | NW | 326 | 19.5% | 22.4% |
| White | 4,031 | 83.9% | 74.2% | White | 1,256 | 80.5% | 77.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .172 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .551* sig. | | | | Odds ratio Exp(B) ⁷ : .741 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 81.0% | 3.7% | 12.0% | 3.4% | NW | 12 | N/A |
| Hispanic | 69.9% | 9.4% | 14.7% | 6.0% | White | 8 | N/A |
| White | 89.0% | 4.0% | 5.3% | 1.7% | | | |
| Other | 89.9% | 8.1% | 2.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WHITMAN POLICE DEPARTMENT

| Total Citations ¹ : 480 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 21.2% | Citations per 1000 | |
| | Passing through: | 78.8% | 18 + residents: | 40.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 419) | | | | ITP Stops ³ (N = 205) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.57 | | | | 34.69 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.4% | | | | Female 28.6% | | | |
| Male 69.4% | | | | Male 70.9% | | | |
| Non-binary 0.2% | | | | Non-binary 0.5% | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ 2.0% | | | |
| AA/Black 15.5% | | | | AA/Black 16.4% | | | |
| Hispanic 6.1% | | | | Hispanic 5.5% | | | |
| White 76.4% | | | | White 74.6% | | | |
| Other 2.0% | | | | Other 3.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 15.5% | 1.9% | 13.6% | AA/Black | 15.5% | 14.4% | 1.1% |
| Hispanic | 6.1% | 2.5% | 3.6% | Hispanic | 6.1% | 14.5% | -8.4% |
| White | 76.4% | 91.7% | -15.3% | White | 76.4% | 66.4% | 10.0% |
| Other | 2.0% | 3.5% | -1.5% | Other | 2.0% | 4.6% | -2.6% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 83 | 21.1% | 26.7% | NW | 41 | 18.9% | 31.8% |
| White | 275 | 78.9% | 73.3% | White | 131 | 81.1% | 68.2% |
| Chi-square, X-tab ⁶ : .224 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .053 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .839 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .437 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 11.8% | 67.6% | 17.6% | 2.9% | NW | 1 | N/A |
| Hispanic | 0.0% | 48.3% | 44.8% | 6.9% | White | 0 | N/A |
| White | 14.4% | 61.9% | 21.0% | 2.8% | | | |
| Other | 12.5% | 62.5% | 25.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .091 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WILBRAHAM POLICE DEPARTMENT

| Total Citations ¹ : 1,828 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 23.4% | Citations per 1000 | |
| | Passing through: | 76.6% | 18 + residents: | 157.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,700) | | | | ITP Stops ³ (N = 670) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.35 | | | | 37.65 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.1% | | | | Female 36.7% | | | |
| Male 62.9% | | | | Male 63.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.1% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 11.1% | | | | AA/Black 10.6% | | | |
| Hispanic 7.4% | | | | Hispanic 5.6% | | | |
| White 80.4% | | | | White 82.2% | | | |
| Other 1.1% | | | | Other 1.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.1% | 3.2% | 7.9% | AA/Black | 11.1% | 14.4% | -3.3% |
| Hispanic | 7.4% | 9.7% | -2.3% | Hispanic | 7.4% | 14.5% | -7.1% |
| White | 80.4% | 85.3% | -4.9% | White | 80.4% | 66.4% | 14.0% |
| Other | 1.1% | 2.7% | -1.6% | Other | 1.1% | 4.6% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 294 | 15.8% | 27.2% | NW | 109 | 15.3% | 23.3% |
| White | 1,186 | 84.2% | 72.8% | White | 481 | 84.7% | 76.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .014* sig. | | | |
| Odds ratio Exp(B) ⁷ : .494* sig. | | | | Odds ratio Exp(B) ⁷ : .535* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 69.1% | 5.3% | 22.7% | 2.9% | NW | 17 | N/A |
| Hispanic | 72.0% | 3.8% | 16.7% | 7.6% | White | 10 | N/A |
| White | 84.4% | 4.8% | 9.1% | 1.7% | | | |
| Other | 76.2% | 9.5% | 14.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WILLIAMSBURG POLICE DEPARTMENT

| Total Citations ¹ : 491 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 10.3% | Citations per 1000 | |
| | Passing through: | 89.7% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 485) | | | | ITP Stops ³ (N = 237) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 42.38 | | | | 40.64 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.3% | | | | Female 40.7% | | | |
| Male 58.7% | | | | Male 59.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.7% | | | | Race % Mis/Unk ⁴ 5.1% | | | |
| AA/Black 3.9% | | | | AA/Black 2.7% | | | |
| Hispanic 5.8% | | | | Hispanic 4.4% | | | |
| White 88.7% | | | | White 91.6% | | | |
| Other 1.5% | | | | Other 1.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.9% | N/A | N/A | AA/Black | 3.9% | 14.4% | -10.5% |
| Hispanic | 5.8% | N/A | N/A | Hispanic | 5.8% | 14.5% | -8.7% |
| White | 88.7% | N/A | N/A | White | 88.7% | 66.4% | 22.3% |
| Other | 1.5% | N/A | N/A | Other | 1.5% | 4.6% | -3.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 50 | 8.3% | 16.5% | NW | 17 | 6.5% | 9.3% |
| White | 398 | 91.7% | 83.5% | White | 194 | 93.5% | 90.7% |
| Chi-square, X-tab ⁶ : | | .009* | sig. | Chi-square, X-tab ⁶ : | | .447 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .255* | sig. | Odds ratio Exp(B) ⁷ : | | .224* | sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|----------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 66.7% | 22.2% | 5.6% | 5.6% | NW | 4 | N/A |
| Hispanic | 59.3% | 18.5% | 18.5% | 3.7% | White | 7 | N/A |
| White | 76.4% | 14.4% | 6.5% | 2.6% | | | |
| Other | 85.7% | 14.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .456 | not sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WILLIAMSTOWN POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 224 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 22.2% | Citations per 1000 | | | | |
| | Passing through: | | 77.8% | 18 + residents: 35.2 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 181) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 37.93 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 40.2% | | | | Female N/A | | | | |
| Male 59.8% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 7.8% | | | | AA/Black N/A | | | | |
| Hispanic 1.7% | | | | Hispanic N/A | | | | |
| White 88.3% | | | White N/A | | | | | |
| Other 2.2% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 7.8% | 5.1% | 2.7% | | AA/Black | 7.8% | 14.4% | -6.6% |
| Hispanic | 1.7% | 6.1% | -4.4% | | Hispanic | 1.7% | 14.5% | -12.8% |
| White | 88.3% | 79.1% | 9.2% | | White | 88.3% | 66.4% | 21.9% |
| Other | 2.2% | 11.6% | -9.4% | | Other | 2.2% | 4.6% | -2.4% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 19 | 9.6% | 17.8% | | NW | N/A | N/A | N/A |
| White | 141 | 90.4% | 82.2% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .149 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .408 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 62.5% | 12.5% | 25.0% | 0.0% | NW | 0 | N/A | |
| Hispanic | 50.0% | 50.0% | 0.0% | 0.0% | White | 2 | N/A | |
| White | 65.2% | 14.1% | 18.7% | 2.0% | | | | |
| Other | 75.0% | 0.0% | 25.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | | | | | |
| | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WILMINGTON POLICE DEPARTMENT

| Total Citations ¹ : 3,384 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 29.3% | Citations per 1000 | |
| | Passing through: | 70.7% | 18 + residents: | 183.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,352) | | | | ITP Stops ³ (N = 1,268) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.62 | | | | 39.05 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.8% | | | | Female 35.5% | | | |
| Male 61.1% | | | | Male 64.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 0.6% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 4.7% | | | | AA/Black 4.1% | | | |
| Hispanic 7.5% | | | | Hispanic 6.3% | | | |
| White 82.5% | | | | White 84.5% | | | |
| Other 5.3% | | | | Other 5.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.7% | 4.1% | 0.6% | AA/Black | 4.7% | 14.4% | -9.7% |
| Hispanic | 7.5% | 1.0% | 6.5% | Hispanic | 7.5% | 14.5% | -7.0% |
| White | 82.5% | 87.0% | -4.5% | White | 82.5% | 66.4% | 16.1% |
| Other | 5.3% | 7.9% | -2.6% | Other | 5.3% | 4.6% | 0.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 550 | 15.7% | 22.6% | NW | 167 | 15.3% | 14.8% |
| White | 2,579 | 84.3% | 77.4% | White | 936 | 84.7% | 85.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .805 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .618* sig. | | | | Odds ratio Exp(B) ⁷ : .638 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 79.4% | 10.0% | 7.5% | 3.1% | NW | 0 | N/A |
| Hispanic | 73.9% | 11.5% | 11.9% | 2.8% | White | 1 | N/A |
| White | 87.0% | 9.0% | 2.7% | 1.2% | | | |
| Other | 91.0% | 7.9% | 0.6% | 0.6% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WINCHENDON POLICE DEPARTMENT

| Total Citations ¹ : 533 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 40.1% | Citations per 1000 | |
| | Passing through: | 59.9% | 18 + residents: | 63.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 489) | | | | ITP Stops ³ (N = 205) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.82 | | | | 35.62 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.8% | | | | Female 37.4% | | | |
| Male 60.2% | | | | Male 62.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 6.3% | | | | Race % Mis/Unk ⁴ 6.3% | | | |
| AA/Black 5.7% | | | | AA/Black 7.3% | | | |
| Hispanic 8.1% | | | | Hispanic 9.9% | | | |
| White 85.6% | | | | White 82.3% | | | |
| Other 0.7% | | | | Other 0.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.7% | 1.2% | 4.5% | AA/Black | 5.7% | 14.4% | -8.7% |
| Hispanic | 8.1% | 3.2% | 4.9% | Hispanic | 8.1% | 14.5% | -6.4% |
| White | 85.6% | 90.8% | -5.2% | White | 85.6% | 66.4% | 19.2% |
| Other | 0.7% | 5.1% | -4.4% | Other | 0.7% | 4.6% | -3.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 61 | 11.5% | 17.0% | NW | 29 | 14.7% | 18.8% |
| White | 361 | 88.5% | 83.0% | White | 142 | 85.3% | 81.3% |
| Chi-square, X-tab ⁶ : | | .110 | not sig. | Chi-square, X-tab ⁶ : | | .480 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .654 | not sig. | Odds ratio Exp(B) ⁷ : | | .569 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|---------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 28.6% | 17.9% | 46.4% | 7.1% | NW | 1 | N/A |
| Hispanic | 25.6% | 10.3% | 59.0% | 5.1% | White | 5 | N/A |
| White | 45.9% | 20.9% | 29.0% | 4.2% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .006* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WINCHESTER POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|---------------|
| Total Citations ¹ : 207 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 28.1% | Citations per 1000 | | | | |
| | Passing through: | | 71.9% | 18 + residents: 12.7 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 146) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 41.92 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 30.1% | | | | Female N/A | | | | |
| Male 69.9% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 6.8% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 8.1% | | | | AA/Black N/A | | | | |
| Hispanic 3.7% | | | | Hispanic N/A | | | | |
| White 74.3% | | | White N/A | | | | | |
| Other 14.0% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 8.1% | 0.3% | 7.8% | | AA/Black | 8.1% | 14.4% | -6.3% |
| Hispanic | 3.7% | 2.1% | 1.6% | | Hispanic | 3.7% | 14.5% | -10.8% |
| White | 74.3% | 79.5% | -5.2% | | White | 74.3% | 66.4% | 7.9% |
| Other | 14.0% | 17.3% | -3.3% | | Other | 14.0% | 4.6% | 9.4% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 31 | 23.5% | 33.3% | | NW | N/A | N/A | N/A |
| White | 91 | 76.5% | 66.7% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .320 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .574 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 25.0% | 30.0% | 40.0% | 5.0% | NW | 0 | N/A | |
| Hispanic | 30.0% | 0.0% | 60.0% | 10.0% | White | 4 | N/A | |
| White | 70.8% | 13.1% | 11.7% | 4.4% | | | | |
| Other | 66.7% | 29.2% | 4.2% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .000* sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WINTHROP POLICE DEPARTMENT

| | | | | | | |
|---|-------------------------------|--------------|---------------|--|---------------------------|-----------------------|
| Total Citations ¹ : 363 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | |
| | Intown motorist: 43.3% | | | Citations per 1000 | | |
| | Passing through: 56.7% | | | 18 + residents: 24 | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | |
| All Stops ² (N = 331) | | | | ITP Stops ³ (N = N/A) | | |
| Mean age | | | | Mean age | | |
| 34.57 | | | | N/A | | |
| Gender % | | | | Gender % | | |
| Female 23.3% | | | | Female N/A | | |
| Male 76.7% | | | | Male N/A | | |
| Non-binary 0.0% | | | | Non-binary N/A | | |
| Race % Mis/Unk ⁴ 6.9% | | | | Race % Mis/Unk ⁴ N/A | | |
| AA/Black 11.4% | | | | AA/Black N/A | | |
| Hispanic 11.0% | | | | Hispanic N/A | | |
| White 74.4% | | | | White N/A | | |
| Other 3.2% | | | | Other N/A | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | |
| Comparative Analyses | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg %Dif |
| AA/Black | 11.4% | 2.2% | 9.2% | AA/Black | 11.4% 14.4% | -3.0% |
| Hispanic | 11.0% | 9.5% | 1.5% | Hispanic | 11.0% 14.5% | -3.5% |
| White | 74.4% | 86.5% | -12.1% | White | 74.4% 66.4% | 8.0% |
| Other | 3.2% | 3.2% | 0.0% | Other | 3.2% 4.6% | -1.4% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | |
| VoD Analyses | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | |
| Race | N | Daylight | Darkness | Race | N | Daylight Darkness |
| NW | 74 | 16.5% | 30.7% | NW | N/A | N/A N/A |
| White | 220 | 83.5% | 69.3% | White | N/A | N/A N/A |
| Chi-square, X-tab ⁶ : | | .006* | sig. | Chi-square, X-tab ⁶ : | | N/A N/A |
| Odds ratio Exp(B) ⁷ : | | .379* | sig. | Odds ratio Exp(B) ⁷ : | | N/A N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? |
| AA/Black | 55.3% | 10.5% | 21.1% | 13.2% | NW | 3 N/A |
| Hispanic | 47.1% | 20.6% | 20.6% | 11.8% | White | 5 N/A |
| White | 55.7% | 20.2% | 20.9% | 3.2% | | |
| Other | 80.0% | 10.0% | 10.0% | 0.0% | | |
| Chi-square, X-tab ⁶ : .109 not sig. | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WOBURN POLICE DEPARTMENT

| Total Citations ¹ : 3,219 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 40.9% | Citations per 1000 | |
| | Passing through: | 59.1% | 18 + residents: | 99.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,107) | | | | ITP Stops ³ (N = 1,216) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.32 | | | | 40.88 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.0% | | | | Female 43.1% | | | |
| Male 57.8% | | | | Male 56.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ 1.6% | | | |
| AA/Black 6.9% | | | | AA/Black 5.3% | | | |
| Hispanic 6.6% | | | | Hispanic 6.3% | | | |
| White 79.6% | | | | White 80.9% | | | |
| Other 6.9% | | | | Other 7.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.9% | 5.9% | 1.0% | AA/Black | 6.9% | 14.4% | -7.5% |
| Hispanic | 6.6% | 4.6% | 2.0% | Hispanic | 6.6% | 14.5% | -7.9% |
| White | 79.6% | 77.4% | 2.2% | White | 79.6% | 66.4% | 13.2% |
| Other | 6.9% | 11.4% | -4.5% | Other | 6.9% | 4.6% | 2.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 570 | 19.5% | 27.1% | NW | 209 | 18.7% | 21.9% |
| White | 2,184 | 80.5% | 72.9% | White | 868 | 81.3% | 78.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .264 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .644* sig. | | | | Odds ratio Exp(B) ⁷ : .670* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 87.6% | 6.9% | 4.1% | 1.4% | NW | 1 | N/A |
| Hispanic | 75.7% | 10.6% | 11.9% | 1.8% | White | 7 | N/A |
| White | 91.9% | 4.6% | 3.0% | 0.4% | | | |
| Other | 95.0% | 3.7% | 0.9% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WORCESTER POLICE DEPARTMENT

| Total Citations ¹ : 1,419 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 60.0% | Citations per 1000 | |
| | Passing through: | 40.0% | 18 + residents: | 9.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,084) | | | | ITP Stops ³ (N = 373) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.5 | | | | 34.41 | | | |
| Gender % | | | | Gender % | | | |
| Female 28.5% | | | | Female 28.9% | | | |
| Male 71.3% | | | | Male 70.8% | | | |
| Non-binary 0.2% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 8.2% | | | | Race % Mis/Unk ⁴ 5.4% | | | |
| AA/Black 17.1% | | | | AA/Black 18.4% | | | |
| Hispanic 28.9% | | | | Hispanic 29.3% | | | |
| White 51.2% | | | | White 48.7% | | | |
| Other 2.8% | | | | Other 3.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 17.1% | 13.3% | 3.8% | AA/Black | 17.1% | 14.4% | 2.7% |
| Hispanic | 28.9% | 21.9% | 7.0% | Hispanic | 28.9% | 14.5% | 14.4% |
| White | 51.2% | 55.2% | -4.0% | White | 51.2% | 66.4% | -15.2% |
| Other | 2.8% | 12.1% | -9.3% | Other | 2.8% | 4.6% | -1.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 435 | 48.5% | 52.8% | NW | 160 | 51.2% | 42.7% |
| White | 446 | 51.5% | 47.2% | White | 165 | 48.8% | 57.3% |
| Chi-square, X-tab ⁶ : | | .306 | not sig. | Chi-square, X-tab ⁶ : | | .195 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .853 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.664 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 39.4% | 26.1% | 21.1% | 13.3% | NW | 12 | N/A |
| Hispanic | 27.0% | 34.9% | 17.2% | 21.0% | White | 3 | N/A |
| White | 48.5% | 27.0% | 16.7% | 7.8% | | | |
| Other | 52.8% | 30.6% | 13.9% | 2.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WRENTHAM POLICE DEPARTMENT

| Total Citations ¹ : 2,189 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 17.1% | Citations per 1000 | |
| | Passing through: | 82.9% | 18 + residents: | 239.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,139) | | | | ITP Stops ³ (N = 869) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.78 | | | | 38.48 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.4% | | | | Female 43.2% | | | |
| Male 56.6% | | | | Male 56.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 19.2% | | | | Race % Mis/Unk ⁴ 18.9% | | | |
| AA/Black 10.3% | | | | AA/Black 10.9% | | | |
| Hispanic 5.4% | | | | Hispanic 6.5% | | | |
| White 82.1% | | | | White 81.1% | | | |
| Other 2.1% | | | | Other 1.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.3% | 2.9% | 7.4% | AA/Black | 10.3% | 14.4% | -4.1% |
| Hispanic | 5.4% | 2.9% | 2.5% | Hispanic | 5.4% | 14.5% | -9.1% |
| White | 82.1% | 92.7% | -10.6% | White | 82.1% | 66.4% | 15.7% |
| Other | 2.1% | 1.5% | 0.6% | Other | 2.1% | 4.6% | -2.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 299 | 17.0% | 22.3% | NW | 125 | 20.5% | 14.8% |
| White | 1,348 | 83.0% | 77.7% | White | 516 | 79.5% | 85.2% |
| Chi-square, X-tab ⁶ : .020* sig. | | | | Chi-square, X-tab ⁶ : .159 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .649* sig. | | | | Odds ratio Exp(B) ⁷ : 1.137 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 74.0% | 12.2% | 13.3% | 0.6% | NW | 3 | N/A |
| Hispanic | 53.9% | 25.5% | 19.6% | 1.0% | White | 5 | N/A |
| White | 83.8% | 10.9% | 4.3% | 1.0% | | | |
| Other | 81.1% | 18.9% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

YARMOUTH POLICE DEPARTMENT

| Total Citations ¹ : 1,823 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 36.0% | Citations per 1000 | |
| | Passing through: | 64.0% | 18 + residents: | 91.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,723) | | | | ITP Stops ³ (N = 694) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.3 | | | | 37.68 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.7% | | | | Female 38.0% | | | |
| Male 61.2% | | | | Male 62.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 2.0% | | | |
| AA/Black 12.8% | | | | AA/Black 14.9% | | | |
| Hispanic 3.0% | | | | Hispanic 3.7% | | | |
| White 83.4% | | | | White 80.6% | | | |
| Other 0.8% | | | | Other 0.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.8% | 2.4% | 10.4% | AA/Black | 12.8% | 14.4% | -1.6% |
| Hispanic | 3.0% | 2.7% | 0.3% | Hispanic | 3.0% | 14.5% | -11.5% |
| White | 83.4% | 89.2% | -5.8% | White | 83.4% | 66.4% | 17.0% |
| Other | 0.8% | 5.5% | -4.7% | Other | 0.8% | 4.6% | -3.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 270 | 14.8% | 20.2% | NW | 124 | 20.1% | 18.8% |
| White | 1,352 | 85.2% | 79.8% | White | 511 | 79.9% | 81.2% |
| Chi-square, X-tab ⁶ : .006* sig. | | | | Chi-square, X-tab ⁶ : .693 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .717* sig. | | | | Odds ratio Exp(B) ⁷ : 1.155 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 71.5% | 12.8% | 10.2% | 5.5% | NW | 4 | N/A |
| Hispanic | 41.4% | 13.8% | 37.9% | 6.9% | White | 15 | N/A |
| White | 77.9% | 5.2% | 12.7% | 4.2% | | | |
| Other | 85.7% | 7.1% | 7.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 BOSTON POLICE DEPARTMENT

2021 Boston Police Department Districts³⁷

District A-1: Downtown Boston and Charlestown

District A-7: East Boston

District B-2: Roxbury

District B-3: Mattapan

District C-6: South Boston

District C-11: Dorchester

District D-4: South End

District D-14: Brighton

District E-5: West Roxbury

District E-13: Jamaica Plain

District E-18: Hyde Park

³⁷The Boston Police Department (BPD) district information obtained from the Boston Police Department official website at: <https://www.boston.gov/departments/police#districts>. Rates for BPD districts are based on total City of Boston population as individual district populations were not available.

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT A-1

| Total Citations ¹ : 563 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|----------|
| | Intown motorist: | 11.3% | Citations per 1000 | |
| | Passing through: | 88.7% | 18 + residents: | 1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 523) | | | | ITP Stops ³ (N = 121) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.88 | | | | 33.86 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.0% | | | | Female 23.5% | | | |
| Male 69.8% | | | | Male 75.6% | | | |
| Non-binary 0.2% | | | | Non-binary 0.8% | | | |
| Race % Mis/Unk ⁴ 7.3% | | | | Race % Mis/Unk ⁴ 6.6% | | | |
| AA/Black 27.6% | | | | AA/Black 31.9% | | | |
| Hispanic 13.2% | | | | Hispanic 20.4% | | | |
| White 41.2% | | | | White 36.3% | | | |
| Other 17.9% | | | | Other 11.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 27.6% | 25.2% | 2.4% | AA/Black | 27.6% | 14.4% | 13.2% |
| Hispanic | 13.2% | 19.8% | -6.6% | Hispanic | 13.2% | 14.5% | -1.3% |
| White | 41.2% | 44.5% | -3.3% | White | 41.2% | 66.4% | -25.2% |
| Other | 17.9% | 15.4% | 2.5% | Other | 17.9% | 4.6% | 13.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 272 | 58.0% | 60.2% | NW | 68 | 62.9% | 64.4% |
| White | 192 | 42.0% | 39.8% | White | 39 | 37.1% | 35.6% |
| Chi-square, X-tab ⁶ : | | .678 | not sig. | Chi-square, X-tab ⁶ : | | .870 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .996 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.262 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 52.9% | 39.3% | 6.4% | 1.4% | NW | 1 | N/A |
| Hispanic | 54.8% | 32.9% | 11.0% | 1.4% | White | 1 | N/A |
| White | 50.0% | 47.3% | 2.7% | 0.0% | | | |
| Other | 26.4% | 73.6% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* sig. | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT A-7

| Total Citations ¹ : 439 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 41.1% | Citations per 1000 | |
| | Passing through: | 58.9% | 18 + residents: | 0.08 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 383) | | | | ITP Stops ³ (N = 129) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.3 | | | | 38.96 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.8% | | | | Female 27.1% | | | |
| Male 72.2% | | | | Male 72.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 14.7% | | | | AA/Black 18.5% | | | |
| Hispanic 39.3% | | | | Hispanic 39.5% | | | |
| White 40.5% | | | | White 38.7% | | | |
| Other 5.5% | | | | Other 3.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.7% | 25.2% | -10.5% | AA/Black | 14.7% | 14.4% | 0.3% |
| Hispanic | 39.3% | 19.8% | 19.5% | Hispanic | 39.3% | 14.5% | 24.8% |
| White | 40.5% | 44.5% | -4.0% | White | 40.5% | 66.4% | -25.9% |
| Other | 5.5% | 15.4% | -9.9% | Other | 5.5% | 4.6% | 0.9% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 193 | 53.3% | 69.2% | NW | 66 | 57.1% | 62.7% |
| White | 134 | 46.7% | 30.8% | White | 43 | 42.9% | 37.3% |
| Chi-square, X-tab ⁶ : | | .005* | sig. | Chi-square, X-tab ⁶ : | | .564 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .458* | sig. | Odds ratio Exp(B) ⁷ : | | 1.011 | not sig. |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 77.8% | 11.1% | 11.1% | 0.0% | NW | 5 | N/A |
| Hispanic | 55.9% | 20.5% | 18.6% | 5.0% | White | 1 | N/A |
| White | 77.4% | 7.3% | 12.8% | 2.4% | | | |
| Other | 94.7% | 5.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT B-2

| Total Citations ¹ : 2,023 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 16.5% | Citations per 1000 | |
| | Passing through: | 83.5% | 18 + residents: | 3.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,925) | | | | ITP Stops ³ (N = 548) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.77 | | | | 37.36 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.7% | | | | Female 37.2% | | | |
| Male 65.2% | | | | Male 62.4% | | | |
| Non-binary 0.2% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 6.9% | | | | Race % Mis/Unk ⁴ 6.4% | | | |
| AA/Black 53.8% | | | | AA/Black 58.9% | | | |
| Hispanic 27.6% | | | | Hispanic 19.5% | | | |
| White 15.2% | | | | White 16.6% | | | |
| Other 3.5% | | | | Other 5.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 53.8% | 25.2% | 28.6% | AA/Black | 53.8% | 14.4% | 39.4% |
| Hispanic | 27.6% | 19.8% | 7.8% | Hispanic | 27.6% | 14.5% | 13.1% |
| White | 15.2% | 44.5% | -29.3% | White | 15.2% | 66.4% | -51.2% |
| Other | 3.5% | 15.4% | -11.9% | Other | 3.5% | 4.6% | -1.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,420 | 85.1% | 84.6% | NW | 376 | 85.5% | 80.9% |
| White | 253 | 14.9% | 15.4% | White | 73 | 14.5% | 19.1% |
| Chi-square, X-tab ⁶ : | | .761 | not sig. | Chi-square, X-tab ⁶ : | | .200 | not sig. |
| Odds ratio Exp(B) ⁷ : | | 1.084 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.262 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|-------------|-------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 84.2% | 11.9% | 2.5% | 1.4% | NW | 47 | N/A |
| Hispanic | 65.0% | 32.2% | 2.8% | 0.0% | White | 14 | N/A |
| White | 78.3% | 16.6% | 4.8% | 0.3% | | | |
| Other | 86.6% | 11.9% | 1.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT B-3

| Total Citations ¹ : 1,448 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 13.6% | Citations per 1000 | |
| | Passing through: | 86.4% | 18 + residents: | 2.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,317) | | | | ITP Stops ³ (N = 424) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.37 | | | | 35.56 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.4% | | | | Female 29.0% | | | |
| Male 68.5% | | | | Male 71.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.2% | | | | Race % Mis/Unk ⁴ 9.4% | | | |
| AA/Black 68.8% | | | | AA/Black 70.8% | | | |
| Hispanic 18.6% | | | | Hispanic 15.6% | | | |
| White 11.5% | | | | White 12.5% | | | |
| Other 1.1% | | | | Other 1.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 68.8% | 25.2% | 43.6% | AA/Black | 68.8% | 14.4% | 54.4% |
| Hispanic | 18.6% | 19.8% | -1.2% | Hispanic | 18.6% | 14.5% | 4.1% |
| White | 11.5% | 44.5% | -33.0% | White | 11.5% | 66.4% | -54.9% |
| Other | 1.1% | 15.4% | -14.3% | Other | 1.1% | 4.6% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,015 | 87.7% | 89.4% | NW | 297 | 87.2% | 86.0% |
| White | 133 | 12.3% | 10.6% | White | 46 | 12.8% | 14.0% |
| Chi-square, X-tab ⁶ : .383 not sig. | | | | Chi-square, X-tab ⁶ : .735 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .794 not sig. | | | | Odds ratio Exp(B) ⁷ : .788 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 68.2% | 16.2% | 11.5% | 4.1% | NW | 26 | N/A |
| Hispanic | 67.7% | 19.8% | 8.1% | 4.4% | White | 0 | N/A |
| White | 81.3% | 8.7% | 8.7% | 1.3% | | | |
| Other | 62.5% | 25.0% | 6.3% | 6.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .041* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT C-6

| Total Citations ¹ : 4,942 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 21.1% | Citations per 1000 | |
| | Passing through: | 78.9% | 18 + residents: | 8.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,912) | | | | ITP Stops ³ (N = 1,705) | | | |
|--|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.34 | | | | 37.65 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.3% | | | | Female 33.5% | | | |
| Male 63.5% | | | | Male 66.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 10.6% | | | | Race % Mis/Unk ⁴ 8.8% | | | |
| AA/Black 21.7% | | | | AA/Black 22.6% | | | |
| Hispanic 10.9% | | | | Hispanic 8.9% | | | |
| White 61.6% | | | | White 62.3% | | | |
| Other 5.7% | | | | Other 6.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 21.7% | 25.2% | -3.5% | AA/Black | 21.7% | 14.4% | 7.3% |
| Hispanic | 10.9% | 19.8% | -8.9% | Hispanic | 10.9% | 14.5% | -3.6% |
| White | 61.6% | 44.5% | 17.1% | White | 61.6% | 66.4% | -4.8% |
| Other | 5.7% | 15.4% | -9.7% | Other | 5.7% | 4.6% | 1.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,567 | 33.4% | 51.5% | NW | 515 | 32.8% | 44.9% |
| White | 2,511 | 66.6% | 48.5% | White | 852 | 67.2% | 55.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .479* sig. | | | | Odds ratio Exp(B) ⁷ : .568* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|-------------|-------------|-------|-----------|------------|
| AA/Black | 95.9% | 3.5% | 0.5% | 0.1% | NW | 11 | N/A |
| Hispanic | 88.7% | 9.7% | 0.6% | 1.0% | White | 8 | N/A |
| White | 96.8% | 3.1% | 0.1% | 0.0% | | | |
| Other | 96.1% | 3.9% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT C-11

| Total Citations ¹ : 3,219 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 43.2% | Citations per 1000 | |
| | Passing through: | 56.8% | 18 + residents: | 5.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,989) | | | | ITP Stops ³ (N = 996) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.87 | | | | 39.39 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.7% | | | | Female 39.4% | | | |
| Male 62.3% | | | | Male 60.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.5% | | | | Race % Mis/Unk ⁴ 3.0% | | | |
| AA/Black 55.8% | | | | AA/Black 61.5% | | | |
| Hispanic 14.5% | | | | Hispanic 9.8% | | | |
| White 22.6% | | | | White 24.4% | | | |
| Other 7.1% | | | | Other 4.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 55.8% | 25.2% | 30.6% | AA/Black | 55.8% | 14.4% | 41.4% |
| Hispanic | 14.5% | 19.8% | -5.3% | Hispanic | 14.5% | 14.5% | 0.0% |
| White | 22.6% | 44.5% | -21.9% | White | 22.6% | 66.4% | -43.8% |
| Other | 7.1% | 15.4% | -8.3% | Other | 7.1% | 4.6% | 2.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,065 | 76.3% | 81.1% | NW | 654 | 76.8% | 75.7% |
| White | 590 | 23.7% | 18.9% | White | 201 | 23.2% | 24.3% |
| Chi-square, X-tab ⁶ : | | .006* | sig. | Chi-square, X-tab ⁶ : | | .722 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .720* | sig. | Odds ratio Exp(B) ⁷ : | | .967 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-------------|-------------|-------|-----------|------------|
| AA/Black | 81.1% | 10.1% | 8.0% | 0.8% | NW | 24 | N/A |
| Hispanic | 81.3% | 10.7% | 7.8% | 0.2% | White | 7 | N/A |
| White | 85.1% | 8.1% | 6.2% | 0.6% | | | |
| Other | 88.1% | 8.7% | 3.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .071 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT D-4

| Total Citations ¹ : 3,125 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 10.1% | Citations per 1000 | |
| | Passing through: | 89.9% | 18 + residents: | 5.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,945) | | | | ITP Stops ³ (N = 1,019) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.05 | | | | 37.57 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.7% | | | | Female 30.6% | | | |
| Male 70.1% | | | | Male 69.4% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 10.9% | | | | Race % Mis/Unk ⁴ 10.7% | | | |
| AA/Black 33.8% | | | | AA/Black 31.1% | | | |
| Hispanic 14.2% | | | | Hispanic 14.4% | | | |
| White 43.7% | | | | White 44.5% | | | |
| Other 8.3% | | | | Other 10.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 33.8% | 25.2% | 8.6% | AA/Black | 33.8% | 14.4% | 19.4% |
| Hispanic | 14.2% | 19.8% | -5.6% | Hispanic | 14.2% | 14.5% | -0.3% |
| White | 43.7% | 44.5% | -0.8% | White | 43.7% | 66.4% | -22.7% |
| Other | 8.3% | 15.4% | -7.1% | Other | 8.3% | 4.6% | 3.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,375 | 52.5% | 62.5% | NW | 470 | 54.4% | 59.8% |
| White | 1,049 | 47.5% | 37.5% | White | 356 | 45.6% | 40.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .119 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .631* sig. | | | | Odds ratio Exp(B) ⁷ : .726 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|-----------|------------|
| AA/Black | 87.8% | 9.7% | 2.2% | 0.2% | NW | 12 | N/A |
| Hispanic | 81.6% | 15.2% | 3.3% | 0.0% | White | 6 | N/A |
| White | 82.2% | 15.4% | 2.5% | 0.0% | | | |
| Other | 90.4% | 9.1% | 0.4% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BOSTON POLICE DEPARTMENT DISTRICT D-14

| | | | | | | | | |
|---|-------------------------|--------------|------------------|--|--------------------------------------|--------------|--------------|--------------|
| Total Citations ¹ : 339 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | 15.0% | Citations per 1000 | | | | |
| | Passing through: | | 85.0% | 18 + residents: 0.6 | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 315) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 39.71 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 37.7% | | | | Female N/A | | | | |
| Male 62.3% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 11.4% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 17.9% | | | | AA/Black N/A | | | | |
| Hispanic 4.7% | | | | Hispanic N/A | | | | |
| White 66.3% | | | White N/A | | | | | |
| Other 11.1% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 17.9% | 25.2% | -7.3% | | AA/Black | 17.9% | 14.4% | 3.5% |
| Hispanic | 4.7% | 19.8% | -15.1% | | Hispanic | 4.7% | 14.5% | -9.8% |
| White | 66.3% | 44.5% | 21.8% | | White | 66.3% | 66.4% | -0.1% |
| Other | 11.1% | 15.4% | -4.3% | | Other | 11.1% | 4.6% | 6.5% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 89 | 31.8% | 51.4% | | NW | N/A | N/A | N/A |
| White | 169 | 68.2% | 48.6% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .023* | sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .488 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 81.1% | 17.0% | 0.0% | 1.9% | NW | 1 | N/A | |
| Hispanic | 52.9% | 41.2% | 5.9% | 0.0% | White | 1 | N/A | |
| White | 94.8% | 3.6% | 1.6% | 0.0% | | | | |
| Other | 90.9% | 9.1% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | | | | | |
| .000* sig. | | | | | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT E-5

| Total Citations ¹ : 5,369 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 22.3% | Citations per 1000 | |
| | Passing through: | 77.7% | 18 + residents: | 9.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,303) | | | | ITP Stops ³ (N = 1,846) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 45.15 | | | | 43.79 | | | |
| Gender % | | | | Gender % | | | |
| Female 46.2% | | | | Female 48.4% | | | |
| Male 53.7% | | | | Male 51.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 4.5% | | | | Race % Mis/Unk ⁴ 4.5% | | | |
| AA/Black 24.9% | | | | AA/Black 27.2% | | | |
| Hispanic 15.5% | | | | Hispanic 15.4% | | | |
| White 55.4% | | | | White 52.6% | | | |
| Other 4.3% | | | | Other 4.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 24.9% | 25.2% | -0.3% | AA/Black | 24.9% | 14.4% | 10.5% |
| Hispanic | 15.5% | 19.8% | -4.3% | Hispanic | 15.5% | 14.5% | 1.0% |
| White | 55.4% | 44.5% | 10.9% | White | 55.4% | 66.4% | -11.0% |
| Other | 4.3% | 15.4% | -11.1% | Other | 4.3% | 4.6% | -0.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,129 | 42.8% | 53.7% | NW | 764 | 45.9% | 52.9% |
| White | 2,668 | 57.2% | 46.3% | White | 848 | 54.1% | 47.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .021* sig. | | | |
| Odds ratio Exp(B) ⁷ : .663 sig. | | | | Odds ratio Exp(B) ⁷ : .734* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|-------------|-------------|-------|----------|------------|
| AA/Black | 92.2% | 4.9% | 2.7% | 0.2% | NW | 7 | N/A |
| Hispanic | 89.0% | 8.5% | 2.4% | 0.1% | White | 3 | N/A |
| White | 95.5% | 3.7% | 0.7% | 0.1% | | | |
| Other | 94.5% | 5.5% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT E-13

| Total Citations ¹ : 1,349 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 13.6% | Citations per 1000 | |
| | Passing through: | 86.4% | 18 + residents: | 2.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,304) | | | | ITP Stops ³ (N = 926) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.66 | | | | 35.33 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.7% | | | | Female 36.9% | | | |
| Male 63.3% | | | | Male 63.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.9% | | | | Race % Mis/Unk ⁴ 1.5% | | | |
| AA/Black 45.6% | | | | AA/Black 45.3% | | | |
| Hispanic 26.5% | | | | Hispanic 26.1% | | | |
| White 23.0% | | | | White 22.9% | | | |
| Other 4.9% | | | | Other 5.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 45.6% | 25.2% | 20.4% | AA/Black | 45.6% | 14.4% | 31.2% |
| Hispanic | 26.5% | 19.8% | 6.7% | Hispanic | 26.5% | 14.5% | 12.0% |
| White | 23.0% | 44.5% | -21.5% | White | 23.0% | 66.4% | -43.4% |
| Other | 4.9% | 15.4% | -10.5% | Other | 4.9% | 4.6% | 0.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 899 | 75.7% | 81.3% | NW | 647 | 75.9% | 80.3% |
| White | 260 | 24.3% | 18.7% | White | 188 | 24.1% | 19.7% |
| Chi-square, X-tab ⁶ : | | .033* | sig. | Chi-square, X-tab ⁶ : | | .146 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .708 | not sig. | Odds ratio Exp(B) ⁷ : | | .836 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|-------------|-------------|-------|----------|------------|
| AA/Black | 86.5% | 7.8% | 5.0% | 0.7% | NW | 4 | N/A |
| Hispanic | 85.1% | 7.3% | 7.6% | 0.0% | White | 0 | N/A |
| White | 91.8% | 5.3% | 3.0% | 0.0% | | | |
| Other | 98.4% | 0.0% | 1.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .010* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT E-18

| Total Citations ¹ : 4,381 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 32.6% | Citations per 1000 | |
| | Passing through: | 67.4% | 18 + residents: | 7.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,259) | | | | ITP Stops ³ (N = 2,527) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.47 | | | | 37.69 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.7% | | | | Female 38.2% | | | |
| Male 61.1% | | | | Male 61.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.0% | | | | Race % Mis/Unk ⁴ 1.6% | | | |
| AA/Black 56.5% | | | | AA/Black 55.6% | | | |
| Hispanic 22.4% | | | | Hispanic 25.1% | | | |
| White 19.3% | | | | White 17.6% | | | |
| Other 1.8% | | | | Other 1.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 56.5% | 25.2% | 31.3% | AA/Black | 56.5% | 14.4% | 42.1% |
| Hispanic | 22.4% | 19.8% | 2.6% | Hispanic | 22.4% | 14.5% | 7.9% |
| White | 19.3% | 44.5% | -25.2% | White | 19.3% | 66.4% | -47.1% |
| Other | 1.8% | 15.4% | -13.6% | Other | 1.8% | 4.6% | -2.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 3,013 | 80.2% | 81.6% | NW | 1,865 | 83.3% | 80.2% |
| White | 725 | 19.8% | 18.4% | White | 396 | 16.7% | 19.8% |
| Chi-square, X-tab ⁶ : .330 not sig. | | | | Chi-square, X-tab ⁶ : .092 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .882 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.064 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|-------------|-------------|-------|----------|------------|
| AA/Black | 90.2% | 5.5% | 3.9% | 0.4% | NW | 9 | N/A |
| Hispanic | 86.6% | 8.2% | 4.4% | 0.9% | White | 3 | N/A |
| White | 91.9% | 3.9% | 3.7% | 0.5% | | | |
| Other | 98.6% | 1.4% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .002* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT SPECIAL OPERATIONS UNIT

| Total Citations ¹ : 4,324 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | 7.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,286) | | | | ITP Stops ³ (N = 208) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 42.26 | | | | 39.19 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.9% | | | | Female 30.7% | | | |
| Male 61.9% | | | | Male 69.3% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 8.1% | | | | Race % Mis/Unk ⁴ 19.7% | | | |
| AA/Black 32.5% | | | | AA/Black 41.9% | | | |
| Hispanic 15.2% | | | | Hispanic 14.4% | | | |
| White 42.0% | | | | White 35.9% | | | |
| Other 10.3% | | | | Other 7.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 32.5% | 25.2% | 7.3% | AA/Black | 32.5% | 14.4% | 18.1% |
| Hispanic | 15.2% | 19.8% | -4.6% | Hispanic | 15.2% | 14.5% | 0.7% |
| White | 42.0% | 44.5% | -2.5% | White | 42.0% | 66.4% | -24.4% |
| Other | 10.3% | 15.4% | -5.1% | Other | 10.3% | 4.6% | 5.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,184 | 58.0% | 60.4% | NW | 99 | 72.9% | 56.9% |
| White | 1,576 | 42.0% | 39.6% | White | 51 | 27.1% | 43.1% |
| Chi-square, X-tab ⁶ : | | .498 | not sig. | Chi-square, X-tab ⁶ : | | .040* | sig. |
| Odds ratio Exp(B) ⁷ : | | .921 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.470 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 75.6% | 21.4% | 2.6% | 0.4% | NW | 1 | N/A |
| Hispanic | 74.6% | 24.4% | 1.0% | 0.0% | White | 1 | N/A |
| White | 77.5% | 21.8% | 0.7% | 0.1% | | | |
| Other | 75.6% | 24.2% | 0.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ALL BOSTON POLICE DEPARTMENT

| Total Citations ¹ : 31,987 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 23.4% | Citations per 1000 | |
| | Passing through: | 76.6% | 18 + residents: | 54.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 31,987) | | | | ITP Stops ³ (N = 10,881) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.08 | | | | 38.61 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.5% | | | | Female 37.7% | | | |
| Male 62.4% | | | | Male 62.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 7.3% | | | | Race % Mis/Unk ⁴ 5.4% | | | |
| AA/Black 38.8% | | | | AA/Black 42.4% | | | |
| Hispanic 16.8% | | | | Hispanic 17.6% | | | |
| White 38.6% | | | | White 35.2% | | | |
| Other 5.8% | | | | Other 4.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 38.8% | 25.2% | 13.6% | AA/Black | 38.8% | 14.4% | 24.4% |
| Hispanic | 16.8% | 19.8% | -3.0% | Hispanic | 16.8% | 14.5% | 2.3% |
| White | 38.6% | 44.5% | -5.9% | White | 38.6% | 66.4% | -27.8% |
| Other | 5.8% | 15.4% | -9.6% | Other | 5.8% | 4.6% | 1.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|--------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 16,227 | 58.1% | 70.3% | NW | 5,851 | 64.4% | 66.6% |
| White | 10,260 | 41.9% | 29.7% | White | 3,132 | 35.6% | 33.4% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .042* sig. | | | |
| Odds ratio Exp(B) ⁷ : .589* sig. | | | | Odds ratio Exp(B) ⁷ : .809* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|------------|--------------|
| AA/Black | 82.8% | 10.0% | 6.5% | 0.8% | NW | 148 | 76.7% |
| Hispanic | 80.1% | 14.9% | 4.3% | 0.7% | White | 45 | 23.3% |
| White | 88.1% | 9.0% | 2.8% | 0.2% | | | |
| Other | 84.5% | 14.2% | 1.2% | 0.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS STATE POLICE

2021 Massachusetts State Police Troop Boundaries³⁸

State Police Troop A-1: Andover, Dracut, Dunstable, Lawrence, Lowell, Methuen, North Andover, North Reading, Reading, Tewksbury, Tyngsborough, and Wilmington

State Police Troop A-2: Amesbury, Boxford, Georgetown, Groveland, Hamilton, Haverhill, Ipswich, Merrimac, Newbury, Newburyport, Rowley, Salisbury, Topsfield, and West Newbury

State Police Troop A-3: Acton, Bedford, Billerica, Boxborough, Carlisle, Chelmsford, Concord, Lexington, Lincoln, Littleton, Maynard, Stow, and Westford

State Police Troop A-4: Arlington, Burlington, Everett, Malden, Medford, Melrose, Somerville, Stoneham, Winchester, and Woburn

State Police Troop A-5: Chelsea, East Boston, Lynn, Revere and Winthrop

State Police Troop A-6: Beverly, Danvers, Essex, Gloucester, Lynnfield, Manchester, Marblehead, Middleton, Peabody, Rockport, Salem, Saugus, Swampscott, Wakefield, and Wenham

State Police Troop B-1: Alford, Lee, New Marlborough, Sheffield, Becket, Lenox, Otis, Stockbridge, Egremont, Monterey, Richmond, Tyringham, Great Barrington, Mount Washington, Sandisfield, and West Stockbridge

State Police Troop B-2: Ashfield, Bernardston, Buckland, Charlemont, Colrain, Conway, Deerfield, Gill, Greenfield, Hawley, Heath, Leyden, Monroe, Montague, Northfield, Rowe, and Shelburne

State Police Troop B-3: Agawam, Chicopee, East Longmeadow, Hampden, Longmeadow, Ludlow, Springfield, West Springfield, and Wilbraham

State Police Troop B-4: Adams, Cheshire, Clarksburg, Dalton, Florida, Hancock, Hinsdale, Lanesborough, New Ashford, North Adams, Peru, Pittsfield, Savoy, Washington, Williamstown, and Windsor

State Police Troop B-5: Blandford, Chester, Granville, Huntington, Middlefield, Montgomery, Russell, Southwick, Tolland, Westfield, and Worthington

State Police Troop B-6: Amherst, Chesterfield, Cummington, Easthampton, Goshen, Hadley, Hatfield, Holyoke, Leverett, Northampton, Plainfield, Southampton, South Hadley, Sunderland, Westhampton, Whately, and Williamsburg

³⁸Massachusetts State Police Troop boundary information obtained from: <https://www.mass.gov/info-details/massachusetts-state-police-troop-boundaries>

State Police Troop B-8: Responsible for patrolling the western most section of the Massachusetts Turnpike from the Ludlow-Chicopee town line to the New York State border.

State Police Troop C-1: Athol, Ashburnham, Erving, Gardner, Hubbardston, New Salem, Orange, Petersham, Phillipston, Royalston, Templeton, Warwick, Wendell, Westminster and Winchendon

State Police Troop C-2: Bellingham, Blackstone, Douglas, Grafton, Hopedale, Hopkinton, Marlborough, Mendon, Milford, Millbury, Millville, Northborough, Northbridge, Shrewsbury, Southborough, Sutton, Upton, Uxbridge and Westborough

State Police Troop C-3: Barre, Brookfield, East Brookfield, Leicester, New Braintree, North Brookfield, Oakham, Paxton, Spencer, Warren and West Brookfield

State Police Troop C-4: Ashby, Ayer, Berlin, Bolton, Fitchburg, Groton, Harvard, Hudson, Lancaster, Leominster, Lunenburg, Pepperell, Shirley and Townsend

State Police Troop C-5: Auburn, Brimfield, Charlton, Dudley, Holland, Monson, Oxford, Palmer, Southbridge, Sturbridge, Wales and Webster

State Police Troop C-6: Boylston, Clinton, Holden, Princeton, Rutland, Sterling, West Boylston and Worcester

State Police Troop C-7: Belchertown, Granby, Hardwick, Pelham, Shutesbury and Ware

State Police Troop C-9: Devens Commerce Center (near Ayer)

State Police Troop C-10: **No info available**

State Police Troop D-1: Abington, Cohasset, Duxbury, Hanover, Hanson, Hingham, Hull, North Kingston, North Marshfield, Norwell, Pembroke, Rockland, Scituate, Weymouth and Whitman

State Police Troop D-2: Barnstable, Brewster, Chatham, Dennis, Eastham, Harwich, Orleans, Provincetown, Truro, Wellfleet and Yarmouth

State Police Troop D-3: Acushnet, Dartmouth, Fairhaven, Fall River, Freetown, New Bedford, Somerset, Swansea and Westport

State Police Troop D-4: Berkley, Bridgewater, Brockton, Carver, Dighton, East Bridgewater, Easton, Halifax, Lakeville, Middleborough, Plympton, Raynham, Rehoboth, Seekonk, Taunton and West Bridgewater

State Police Troop D-6: Chilmark, Edgartown, Gay Head, Gosnold, Oak Bluffs and West Tisbury

State Police Troop D-7: Island of Nantucket

State Police Troop F: Logan Airport

State Police Troop H-2: The primary and high profile patrol area for SP Framingham is the Route 128 beltway around Boston, known as the Yankee Highway.

State Police Troop H-3: Their jurisdiction lies in several areas. It extends to the south on Route 95 to the Rhode Island border and on Route 495 to the Norton town line (this is Troop D). The barracks's boundaries then extend to the north on Route 95 to the Route 128/93 Interchange in Canton, and to the west on Route 495 to the Bellingham town line.

State Police Troop H-4: Station H-4, SP Boston Barracks is located at a major intersection which links Boston with the western suburbs and many other major interstate highways.

State Police Troop H-5: Station H-5, SP Brighton Barracks, patrols mostly DCR and state roadways and parks along the Charles River in the Boston and Cambridge areas.

State Police Troop H-6: Station H-6, SP South Boston Barracks shares the building complex with H Troop Headquarters on Day Boulevard at the head of Carson Beach in South Boston.

State Police Troop H-7: Station H-7, SP Milton Barracks is located at the foot of the Blue Hills Reservation, which includes Houghton's Pond, the Blue Hills Observatory, Chickatawbut Overlook, the Blue Hills Ski Area and the Trailside Museum.

State Police Troop H-8: SP Weston provides coverage up to the Allston-Brighton tolls on the Boston Extension and the Tunnel Division, or H-9, maintains jurisdiction for the remainder of Route 90 east of IC-19.

State Police Troop H-9: The Tunnels barracks covers 45 miles of highways, including all Big Dig roadways and the intricate system of highways, tunnels, ramps, and connectors.

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE ACADEMY

| Total Citations ¹ : 1,577 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,504) | | | | ITP Stops ³ (N = 585) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.74 | | | | 35.8 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.6% | | | | Female 30.6% | | | |
| Male 68.4% | | | | Male 69.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 18.2% | | | | AA/Black 16.1% | | | |
| Hispanic 18.7% | | | | Hispanic 17.8% | | | |
| White 56.8% | | | | White 60.1% | | | |
| Other 6.3% | | | | Other 6.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 18.2% | N/A | N/A | AA/Black | 18.2% | 14.4% | 3.8% |
| Hispanic | 18.7% | N/A | N/A | Hispanic | 18.7% | 14.5% | 4.2% |
| White | 56.8% | N/A | N/A | White | 56.8% | 66.4% | -9.6% |
| Other | 6.3% | N/A | N/A | Other | 6.3% | 4.6% | 1.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 631 | 38.2% | 53.6% | NW | 220 | 39.1% | 44.0% |
| White | 815 | 61.8% | 46.4% | White | 321 | 60.9% | 56.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .282 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .494* sig. | | | | Odds ratio Exp(B) ⁷ : .825 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 50.7% | 29.4% | 16.3% | 3.5% | NW | 12 | N/A |
| Hispanic | 40.1% | 42.8% | 13.0% | 4.1% | White | 12 | N/A |
| White | 51.0% | 39.7% | 6.4% | 2.9% | | | |
| Other | 56.4% | 38.3% | 4.3% | 1.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE COMMERCIAL VEHICLE ENFORCEMENT

| Total Citations ¹ : 4,735 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,671) | | | | ITP Stops ³ (N = 1,451) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.99 | | | | 37.56 | | | |
| Gender % | | | | Gender % | | | |
| Female 16.9% | | | | Female 16.1% | | | |
| Male 83.1% | | | | Male 83.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 46.6% | | | | Race % Mis/Unk ⁴ 44.2% | | | |
| AA/Black 15.6% | | | | AA/Black 16.4% | | | |
| Hispanic 20.1% | | | | Hispanic 19.8% | | | |
| White 61.2% | | | | White 61.1% | | | |
| Other 3.1% | | | | Other 2.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 15.6% | N/A | N/A | AA/Black | 15.6% | 14.4% | 1.2% |
| Hispanic | 20.1% | N/A | N/A | Hispanic | 20.1% | 14.5% | 5.6% |
| White | 61.2% | N/A | N/A | White | 61.2% | 66.4% | -5.2% |
| Other | 3.1% | N/A | N/A | Other | 3.1% | 4.6% | -1.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 928 | 37.1% | 47.5% | NW | 274 | 35.2% | 48.1% |
| White | 1,483 | 62.9% | 52.5% | White | 448 | 64.8% | 51.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .003* sig. | | | |
| Odds ratio Exp(B) ⁷ : .616* sig. | | | | Odds ratio Exp(B) ⁷ : .437* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 37.7% | 52.9% | 8.4% | 1.0% | NW | 4 | N/A |
| Hispanic | 28.2% | 62.3% | 8.5% | 1.0% | White | 1 | N/A |
| White | 43.8% | 53.2% | 2.3% | 0.7% | | | |
| Other | 28.7% | 67.5% | 3.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE COMMUNITY ACTION

| Total Citations ¹ : 1,242 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,227) | | | | ITP Stops ³ (N = 489) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.59 | | | | 35.12 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.9% | | | | Female 30.0% | | | |
| Male 72.1% | | | | Male 70.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 27.3% | | | | AA/Black 30.0% | | | |
| Hispanic 20.0% | | | | Hispanic 20.2% | | | |
| White 45.2% | | | | White 44.1% | | | |
| Other 7.4% | | | | Other 5.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 27.3% | N/A | N/A | AA/Black | 27.3% | 14.4% | 12.9% |
| Hispanic | 20.0% | N/A | N/A | Hispanic | 20.0% | 14.5% | 5.5% |
| White | 45.2% | N/A | N/A | White | 45.2% | 66.4% | -21.2% |
| Other | 7.4% | N/A | N/A | Other | 7.4% | 4.6% | 2.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 643 | 50.6% | 59.5% | NW | 255 | 56.4% | 55.1% |
| White | 534 | 49.4% | 40.5% | White | 204 | 43.6% | 44.9% |
| Chi-square, X-tab ⁶ : .002* sig. | | | | Chi-square, X-tab ⁶ : .794 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .752* sig. | | | | Odds ratio Exp(B) ⁷ : 1.404 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 54.0% | 32.5% | 11.3% | 2.1% | NW | 2 | N/A |
| Hispanic | 47.8% | 39.2% | 11.8% | 1.2% | White | 4 | N/A |
| White | 58.8% | 36.3% | 4.7% | 0.2% | | | |
| Other | 59.3% | 37.4% | 2.2% | 1.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE MOTORCYCLE SECTION

| Total Citations ¹ : 889 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 879) | | | | ITP Stops ³ (N = 182) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.13 | | | | 39.66 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.6% | | | | Female 36.7% | | | |
| Male 67.4% | | | | Male 63.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.1% | | | | Race % Mis/Unk ⁴ 0.5% | | | |
| AA/Black 22.4% | | | | AA/Black 17.7% | | | |
| Hispanic 11.2% | | | | Hispanic 13.3% | | | |
| White 60.3% | | | | White 65.7% | | | |
| Other 6.2% | | | | Other 3.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 22.4% | N/A | N/A | AA/Black | 22.4% | 14.4% | 8.0% |
| Hispanic | 11.2% | N/A | N/A | Hispanic | 11.2% | 14.5% | -3.3% |
| White | 60.3% | N/A | N/A | White | 60.3% | 66.4% | -6.1% |
| Other | 6.2% | N/A | N/A | Other | 6.2% | 4.6% | 1.6% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 344 | 39.2% | 44.4% | NW | 58 | 35.7% | 27.6% |
| White | 520 | 60.8% | 55.6% | White | 111 | 64.3% | 72.4% |
| Chi-square, X-tab ⁶ : | | .317 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .401 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .806 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | 1.673 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-------------|-------------|-------------|----------|------------|
| AA/Black | 66.5% | 30.0% | 3.5% | 0.0% | NW | 0 | N/A |
| Hispanic | 63.3% | 31.6% | 5.1% | 0.0% | White | 3 | N/A |
| White | 76.7% | 21.3% | 1.9% | 0.2% | | | |
| Other | 63.0% | 37.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .017* | <i>sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MASSACHUSETTS STATE POLICE MV REGULATORY SECTION

| | | | | | | | | |
|---|-----------------------------|----------|----------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| Total Citations ¹ : 168 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: N/A | | | Citations per 1000 | | | | |
| | Passing through: N/A | | | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 164) | | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | | Mean age | | | |
| 34.17 | | | | | N/A | | | |
| Gender % | | | | | Gender % | | | |
| Female 26.7% | | | | | Female N/A | | | |
| Male 73.3% | | | | | Male N/A | | | |
| Non-binary 0.0% | | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 25.0% | | | | | AA/Black N/A | | | |
| Hispanic 11.9% | | | | | Hispanic N/A | | | |
| White 58.1% | | | | White N/A | | | | |
| Other 5.0% | | | | Other N/A | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 25.0% | N/A | N/A | | AA/Black | 25.0% | 14.4% | 10.6% |
| Hispanic | 11.9% | N/A | N/A | | Hispanic | 11.9% | 14.5% | -2.6% |
| White | 58.1% | N/A | N/A | | White | 58.1% | 66.4% | -8.3% |
| Other | 5.0% | N/A | N/A | | Other | 5.0% | 4.6% | 0.4% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 66 | 40.4% | 46.8% | | NW | N/A | N/A | N/A |
| White | 90 | 59.6% | 53.2% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .455 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .766 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 34.1% | 48.8% | 9.8% | 7.3% | NW | 1 | N/A | |
| Hispanic | 35.0% | 40.0% | 15.0% | 10.0% | White | 0 | N/A | |
| White | 44.7% | 52.1% | 2.1% | 1.1% | | | | |
| Other | 37.5% | 62.5% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .109 not sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE GENERAL HEADQUARTERS

| Total Citations ¹ : 2,570 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,494) | | | | ITP Stops ³ (N = 706) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.75 | | | | 35.42 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.3% | | | | Female 30.0% | | | |
| Male 69.6% | | | | Male 70.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 16.9% | | | | AA/Black 15.3% | | | |
| Hispanic 17.2% | | | | Hispanic 19.2% | | | |
| White 60.1% | | | | White 58.7% | | | |
| Other 5.8% | | | | Other 6.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 16.9% | N/A | N/A | AA/Black | 16.9% | 14.4% | 2.5% |
| Hispanic | 17.2% | N/A | N/A | Hispanic | 17.2% | 14.5% | 2.7% |
| White | 60.1% | N/A | N/A | White | 60.1% | 66.4% | -6.3% |
| Other | 5.8% | N/A | N/A | Other | 5.8% | 4.6% | 1.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 891 | 32.9% | 49.2% | NW | 256 | 36.8% | 51.0% |
| White | 1,368 | 67.1% | 50.8% | White | 361 | 63.2% | 49.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .001* sig. | | | |
| Odds ratio Exp(B) ⁷ : .515* sig. | | | | Odds ratio Exp(B) ⁷ : .663* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 37.3% | 41.5% | 16.7% | 4.5% | NW | 6 | N/A |
| Hispanic | 38.4% | 47.4% | 11.4% | 2.8% | White | 1 | N/A |
| White | 45.4% | 45.0% | 7.7% | 1.8% | | | |
| Other | 40.6% | 51.0% | 6.3% | 2.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A HEADQUARTERS

| Total Citations ¹ : 3,698 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,616) | | | | ITP Stops ³ (N = 1,399) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.14 | | | | 35.21 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.0% | | | | Female 27.2% | | | |
| Male 73.0% | | | | Male 72.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 1.5% | | | |
| AA/Black 9.9% | | | | AA/Black 9.0% | | | |
| Hispanic 25.4% | | | | Hispanic 27.0% | | | |
| White 61.0% | | | | White 59.8% | | | |
| Other 3.7% | | | | Other 4.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.9% | N/A | N/A | AA/Black | 9.9% | 14.4% | -4.5% |
| Hispanic | 25.4% | N/A | N/A | Hispanic | 25.4% | 14.5% | 10.9% |
| White | 61.0% | N/A | N/A | White | 61.0% | 66.4% | -5.4% |
| Other | 3.7% | N/A | N/A | Other | 3.7% | 4.6% | -0.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,342 | 34.0% | 47.8% | NW | 508 | 35.6% | 46.5% |
| White | 2,091 | 66.0% | 52.2% | White | 755 | 64.4% | 53.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .573* sig. | | | | Odds ratio Exp(B) ⁷ : .713* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|-----------|------------|
| AA/Black | 71.6% | 17.8% | 6.0% | 4.6% | NW | 4 | N/A |
| Hispanic | 64.4% | 22.8% | 9.0% | 3.8% | White | 16 | N/A |
| White | 60.9% | 31.0% | 5.8% | 2.3% | | | |
| Other | 68.4% | 27.2% | 4.4% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A-1

| Total Citations ¹ : 6,714 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,817) | | | | ITP Stops ³ (N = 1,365) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.09 | | | | 35.82 | | | |
| Gender % | | | | Gender % | | | |
| Female 28.2% | | | | Female 26.6% | | | |
| Male 71.7% | | | | Male 73.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.1% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 10.9% | | | | AA/Black 9.7% | | | |
| Hispanic 32.6% | | | | Hispanic 29.3% | | | |
| White 50.5% | | | | White 55.5% | | | |
| Other 6.1% | | | | Other 5.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.9% | N/A | N/A | AA/Black | 10.9% | 14.4% | -3.5% |
| Hispanic | 32.6% | N/A | N/A | Hispanic | 32.6% | 14.5% | 18.1% |
| White | 50.5% | N/A | N/A | White | 50.5% | 66.4% | -15.9% |
| Other | 6.1% | N/A | N/A | Other | 6.1% | 4.6% | 1.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,720 | 42.0% | 56.7% | NW | 530 | 43.6% | 47.1% |
| White | 2,743 | 58.0% | 43.3% | White | 648 | 56.4% | 52.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .245 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .557* sig. | | | | Odds ratio Exp(B) ⁷ : .865 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 59.0% | 24.3% | 13.2% | 3.5% | NW | 42 | N/A |
| Hispanic | 61.5% | 23.0% | 12.5% | 3.0% | White | 39 | N/A |
| White | 62.0% | 27.8% | 7.1% | 3.1% | | | |
| Other | 65.6% | 29.2% | 4.7% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A-2

| Total Citations ¹ : 5,649 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,391) | | | | ITP Stops ³ (N = 2,072) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.47 | | | | 36.83 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.2% | | | | Female 31.2% | | | |
| Male 66.8% | | | | Male 68.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 1.7% | | | |
| AA/Black 6.8% | | | | AA/Black 5.7% | | | |
| Hispanic 15.4% | | | | Hispanic 15.3% | | | |
| White 74.1% | | | | White 76.1% | | | |
| Other 3.7% | | | | Other 2.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.8% | N/A | N/A | AA/Black | 6.8% | 14.4% | -7.6% |
| Hispanic | 15.4% | N/A | N/A | Hispanic | 15.4% | 14.5% | 0.9% |
| White | 74.1% | N/A | N/A | White | 74.1% | 66.4% | 7.7% |
| Other | 3.7% | N/A | N/A | Other | 3.7% | 4.6% | -0.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,295 | 22.3% | 31.8% | NW | 409 | 24.2% | 21.8% |
| White | 3,722 | 77.7% | 68.2% | White | 1,341 | 75.8% | 78.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .280 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .583* sig. | | | | Odds ratio Exp(B) ⁷ : 1.095 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 60.6% | 24.2% | 12.1% | 3.1% | NW | 13 | N/A |
| Hispanic | 53.4% | 25.4% | 17.9% | 3.3% | White | 30 | N/A |
| White | 67.5% | 25.5% | 5.0% | 2.0% | | | |
| Other | 63.1% | 32.5% | 3.0% | 1.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A-3

| Total Citations ¹ : 6,226 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,586) | | | | ITP Stops ³ (N = 1,601) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.26 | | | | 35.29 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.8% | | | | Female 25.7% | | | |
| Male 72.2% | | | | Male 74.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ 2.4% | | | |
| AA/Black 14.9% | | | | AA/Black 10.2% | | | |
| Hispanic 17.9% | | | | Hispanic 19.1% | | | |
| White 57.6% | | | | White 61.8% | | | |
| Other 9.6% | | | | Other 8.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.9% | N/A | N/A | AA/Black | 14.9% | 14.4% | 0.5% |
| Hispanic | 17.9% | N/A | N/A | Hispanic | 17.9% | 14.5% | 3.4% |
| White | 57.6% | N/A | N/A | White | 57.6% | 66.4% | -8.8% |
| Other | 9.6% | N/A | N/A | Other | 9.6% | 4.6% | 5.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,224 | 38.2% | 47.7% | NW | 532 | 39.1% | 36.1% |
| White | 3,009 | 61.8% | 52.3% | White | 869 | 60.9% | 63.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .262 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .670* sig. | | | | Odds ratio Exp(B) ⁷ : 1.130 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 66.2% | 20.2% | 8.7% | 4.9% | NW | 20 | N/A |
| Hispanic | 55.0% | 24.5% | 17.0% | 3.5% | White | 12 | N/A |
| White | 68.1% | 24.0% | 6.1% | 1.8% | | | |
| Other | 67.7% | 26.6% | 4.7% | 1.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A-4

| Total Citations ¹ : 4,344 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,690) | | | | ITP Stops ³ (N = 718) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.52 | | | | 37.2 | | | |
| Gender % | | | | Gender % | | | |
| Female 26.7% | | | | Female 25.5% | | | |
| Male 73.3% | | | | Male 74.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ 2.2% | | | |
| AA/Black 20.2% | | | | AA/Black 14.1% | | | |
| Hispanic 26.6% | | | | Hispanic 25.9% | | | |
| White 42.6% | | | | White 50.0% | | | |
| Other 10.5% | | | | Other 10.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 20.2% | N/A | N/A | AA/Black | 20.2% | 14.4% | 5.8% |
| Hispanic | 26.6% | N/A | N/A | Hispanic | 26.6% | 14.5% | 12.1% |
| White | 42.6% | N/A | N/A | White | 42.6% | 66.4% | -23.8% |
| Other | 10.5% | N/A | N/A | Other | 10.5% | 4.6% | 5.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,018 | 46.3% | 67.0% | NW | 316 | 46.8% | 54.7% |
| White | 1,488 | 53.7% | 33.0% | White | 316 | 53.2% | 45.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .052 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .430* sig. | | | | Odds ratio Exp(B) ⁷ : .902 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 71.9% | 13.5% | 13.0% | 1.6% | NW | 5 | N/A |
| Hispanic | 65.2% | 15.6% | 16.4% | 2.7% | White | 5 | N/A |
| White | 73.9% | 16.8% | 7.6% | 1.7% | | | |
| Other | 74.4% | 19.1% | 4.9% | 1.6% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A-5

| Total Citations ¹ : 5,192 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,802) | | | | ITP Stops ³ (N = 1,393) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.41 | | | | 35.9 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.0% | | | | Female 27.8% | | | |
| Male 73.0% | | | | Male 72.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 1.5% | | | |
| AA/Black 12.9% | | | | AA/Black 12.0% | | | |
| Hispanic 36.1% | | | | Hispanic 34.1% | | | |
| White 43.6% | | | | White 46.9% | | | |
| Other 7.3% | | | | Other 7.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.9% | N/A | N/A | AA/Black | 12.9% | 14.4% | -1.5% |
| Hispanic | 36.1% | N/A | N/A | Hispanic | 36.1% | 14.5% | 21.6% |
| White | 43.6% | N/A | N/A | White | 43.6% | 66.4% | -22.8% |
| Other | 7.3% | N/A | N/A | Other | 7.3% | 4.6% | 2.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,601 | 50.2% | 68.7% | NW | 672 | 51.1% | 63.1% |
| White | 2,007 | 49.8% | 31.3% | White | 591 | 48.9% | 36.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .001* sig. | | | |
| Odds ratio Exp(B) ⁷ : .482* sig. | | | | Odds ratio Exp(B) ⁷ : .658* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 59.2% | 28.3% | 10.4% | 2.1% | NW | 38 | N/A |
| Hispanic | 44.5% | 32.1% | 19.6% | 3.7% | White | 15 | N/A |
| White | 56.5% | 35.7% | 6.3% | 1.6% | | | |
| Other | 55.4% | 37.8% | 4.3% | 2.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A-6

| Total Citations ¹ : 6,838 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,768) | | | | ITP Stops ³ (N = 1,580) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.86 | | | | 37.13 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.1% | | | | Female 29.0% | | | |
| Male 69.9% | | | | Male 70.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 3.0% | | | | Race % Mis/Unk ⁴ 3.8% | | | |
| AA/Black 12.4% | | | | AA/Black 10.5% | | | |
| Hispanic 19.1% | | | | Hispanic 19.4% | | | |
| White 62.9% | | | | White 64.7% | | | |
| Other 5.6% | | | | Other 5.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.4% | N/A | N/A | AA/Black | 12.4% | 14.4% | -2.0% |
| Hispanic | 19.1% | N/A | N/A | Hispanic | 19.1% | 14.5% | 4.6% |
| White | 62.9% | N/A | N/A | White | 62.9% | 66.4% | -3.5% |
| Other | 5.6% | N/A | N/A | Other | 5.6% | 4.6% | 1.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,021 | 30.6% | 45.3% | NW | 484 | 34.2% | 37.8% |
| White | 3,407 | 69.4% | 54.7% | White | 875 | 65.8% | 62.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .178 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .544* sig. | | | | Odds ratio Exp(B) ⁷ : .840 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 65.7% | 15.5% | 14.6% | 4.2% | NW | 3 | N/A |
| Hispanic | 56.8% | 17.9% | 20.0% | 5.2% | White | 12 | N/A |
| White | 68.2% | 21.0% | 7.4% | 3.5% | | | |
| Other | 74.1% | 18.7% | 4.7% | 2.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B HEADQUARTERS

| Total Citations ¹ : 4,286 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,205) | | | | ITP Stops ³ (N = 2,061) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.05 | | | | 34.19 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.2% | | | | Female 33.5% | | | |
| Male 64.8% | | | | Male 66.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 1.6% | | | |
| AA/Black 12.9% | | | | AA/Black 12.7% | | | |
| Hispanic 28.5% | | | | Hispanic 33.3% | | | |
| White 55.8% | | | | White 51.8% | | | |
| Other 2.8% | | | | Other 2.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.9% | N/A | N/A | AA/Black | 12.9% | 14.4% | -1.5% |
| Hispanic | 28.5% | N/A | N/A | Hispanic | 28.5% | 14.5% | 14.0% |
| White | 55.8% | N/A | N/A | White | 55.8% | 66.4% | -10.6% |
| Other | 2.8% | N/A | N/A | Other | 2.8% | 4.6% | -1.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,727 | 40.2% | 51.0% | NW | 882 | 49.9% | 43.8% |
| White | 2,206 | 59.8% | 49.0% | White | 958 | 50.1% | 56.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .014* sig. | | | |
| Odds ratio Exp(B) ⁷ : .606* sig. | | | | Odds ratio Exp(B) ⁷ : .865 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 42.0% | 37.5% | 18.6% | 1.8% | NW | 11 | N/A |
| Hispanic | 41.2% | 33.3% | 23.7% | 1.8% | White | 21 | N/A |
| White | 43.1% | 48.5% | 7.4% | 0.9% | | | |
| Other | 33.9% | 64.4% | 1.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-1

| Total Citations ¹ : 4,983 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,921) | | | | ITP Stops ³ (N = 1,418) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.09 | | | | 40.29 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.8% | | | | Female 38.1% | | | |
| Male 60.2% | | | | Male 61.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 2.0% | | | |
| AA/Black 8.9% | | | | AA/Black 8.1% | | | |
| Hispanic 8.0% | | | | Hispanic 6.3% | | | |
| White 78.8% | | | | White 80.5% | | | |
| Other 4.3% | | | | Other 5.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.9% | N/A | N/A | AA/Black | 8.9% | 14.4% | -5.5% |
| Hispanic | 8.0% | N/A | N/A | Hispanic | 8.0% | 14.5% | -6.5% |
| White | 78.8% | N/A | N/A | White | 78.8% | 66.4% | 12.4% |
| Other | 4.3% | N/A | N/A | Other | 4.3% | 4.6% | -0.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 996 | 19.6% | 28.6% | NW | 247 | 18.5% | 21.7% |
| White | 3,685 | 80.4% | 71.4% | White | 1,026 | 81.5% | 78.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .199 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .628* sig. | | | | Odds ratio Exp(B) ⁷ : .921 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 63.0% | 24.8% | 11.7% | 0.5% | NW | 0 | N/A |
| Hispanic | 60.9% | 25.1% | 13.0% | 1.0% | White | 3 | N/A |
| White | 73.9% | 21.5% | 4.1% | 0.4% | | | |
| Other | 67.1% | 28.1% | 4.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-2

| Total Citations ¹ : 4,949 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,829) | | | | ITP Stops ³ (N = 1,298) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.5 | | | | 37.33 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.9% | | | | Female 36.4% | | | |
| Male 62.0% | | | | Male 63.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 0.7% | | | |
| AA/Black 8.0% | | | | AA/Black 6.3% | | | |
| Hispanic 9.3% | | | | Hispanic 9.9% | | | |
| White 79.7% | | | | White 81.1% | | | |
| Other 3.0% | | | | Other 2.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.0% | N/A | N/A | AA/Black | 8.0% | 14.4% | -6.4% |
| Hispanic | 9.3% | N/A | N/A | Hispanic | 9.3% | 14.5% | -5.2% |
| White | 79.7% | N/A | N/A | White | 79.7% | 66.4% | 13.3% |
| Other | 3.0% | N/A | N/A | Other | 3.0% | 4.6% | -1.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 933 | 18.2% | 24.4% | NW | 216 | 19.5% | 16.3% |
| White | 3,694 | 81.8% | 75.6% | White | 952 | 80.5% | 83.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .182 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .687* sig. | | | | Odds ratio Exp(B) ⁷ : .848 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 60.1% | 19.1% | 18.3% | 2.5% | NW | 17 | N/A |
| Hispanic | 60.6% | 22.9% | 14.1% | 2.4% | White | 28 | N/A |
| White | 73.4% | 18.7% | 5.9% | 2.1% | | | |
| Other | 69.5% | 27.7% | 2.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-3

| Total Citations ¹ : 6,535 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 6,061) | | | | ITP Stops ³ (N = 1,686) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 33.3 | | | | 32.3 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.8% | | | | Female 28.2% | | | |
| Male 69.2% | | | | Male 71.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 0.8% | | | | Race % Mis/Unk ⁴ 0.5% | | | |
| AA/Black 21.1% | | | | AA/Black 21.4% | | | |
| Hispanic 42.1% | | | | Hispanic 46.9% | | | |
| White 33.8% | | | | White 29.6% | | | |
| Other 3.0% | | | | Other 2.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 21.1% | N/A | N/A | AA/Black | 21.1% | 14.4% | 6.7% |
| Hispanic | 42.1% | N/A | N/A | Hispanic | 42.1% | 14.5% | 27.6% |
| White | 33.8% | N/A | N/A | White | 33.8% | 66.4% | -32.6% |
| Other | 3.0% | N/A | N/A | Other | 3.0% | 4.6% | -1.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 3,858 | 60.1% | 74.0% | NW | 1,061 | 67.8% | 73.4% |
| White | 1,968 | 39.9% | 26.0% | White | 445 | 32.2% | 26.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .017* sig. | | | |
| Odds ratio Exp(B) ⁷ : .537* sig. | | | | Odds ratio Exp(B) ⁷ : .782 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 50.4% | 23.6% | 20.6% | 5.4% | NW | 14 | N/A |
| Hispanic | 49.2% | 20.7% | 24.4% | 5.7% | White | 16 | N/A |
| White | 56.9% | 28.8% | 9.6% | 4.8% | | | |
| Other | 56.7% | 34.5% | 8.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-4

| Total Citations ¹ : 2,984 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,925) | | | | ITP Stops ³ (N = 902) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.61 | | | | 37.41 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.4% | | | | Female 37.7% | | | |
| Male 62.6% | | | | Male 62.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 8.6% | | | | AA/Black 7.2% | | | |
| Hispanic 5.0% | | | | Hispanic 5.0% | | | |
| White 85.2% | | | | White 86.7% | | | |
| Other 1.1% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.6% | N/A | N/A | AA/Black | 8.6% | 14.4% | -5.8% |
| Hispanic | 5.0% | N/A | N/A | Hispanic | 5.0% | 14.5% | -9.5% |
| White | 85.2% | N/A | N/A | White | 85.2% | 66.4% | 18.8% |
| Other | 1.1% | N/A | N/A | Other | 1.1% | 4.6% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 409 | 10.8% | 20.8% | NW | 104 | 10.0% | 16.7% |
| White | 2,369 | 89.2% | 79.2% | White | 691 | 90.0% | 83.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .006* sig. | | | |
| Odds ratio Exp(B) ⁷ : .449* sig. | | | | Odds ratio Exp(B) ⁷ : .702 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 68.4% | 15.0% | 13.8% | 2.8% | NW | 6 | N/A |
| Hispanic | 67.1% | 13.4% | 14.1% | 5.4% | White | 2 | N/A |
| White | 75.0% | 16.6% | 7.5% | 0.9% | | | |
| Other | 87.9% | 12.1% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-5

| Total Citations ¹ : 1,904 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,837) | | | | ITP Stops ³ (N = 578) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.65 | | | | 36.22 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.1% | | | | Female 29.8% | | | |
| Male 67.7% | | | | Male 70.0% | | | |
| Non-binary 0.2% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 2.4% | | | |
| AA/Black 7.9% | | | | AA/Black 6.0% | | | |
| Hispanic 17.6% | | | | Hispanic 16.3% | | | |
| White 71.6% | | | | White 73.6% | | | |
| Other 2.9% | | | | Other 4.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.9% | N/A | N/A | AA/Black | 7.9% | 14.4% | -6.5% |
| Hispanic | 17.6% | N/A | N/A | Hispanic | 17.6% | 14.5% | 3.1% |
| White | 71.6% | N/A | N/A | White | 71.6% | 66.4% | 5.2% |
| Other | 2.9% | N/A | N/A | Other | 2.9% | 4.6% | -1.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 491 | 24.5% | 32.4% | NW | 132 | 22.3% | 31.4% |
| White | 1,238 | 75.5% | 67.6% | White | 376 | 77.7% | 68.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .021* sig. | | | |
| Odds ratio Exp(B) ⁷ : .672* sig. | | | | Odds ratio Exp(B) ⁷ : .604* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 62.2% | 20.3% | 16.2% | 1.4% | NW | 0 | N/A |
| Hispanic | 61.2% | 15.1% | 22.8% | 0.9% | White | 3 | N/A |
| White | 72.7% | 16.6% | 9.2% | 1.4% | | | |
| Other | 63.0% | 20.4% | 13.0% | 3.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-6

| Total Citations ¹ : 8,373 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 8,182) | | | | ITP Stops ³ (N = 2,752) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.07 | | | | 35.18 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.5% | | | | Female 35.9% | | | |
| Male 62.4% | | | | Male 64.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 10.7% | | | | AA/Black 10.3% | | | |
| Hispanic 23.0% | | | | Hispanic 24.3% | | | |
| White 63.0% | | | | White 61.7% | | | |
| Other 3.4% | | | | Other 3.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.7% | N/A | N/A | AA/Black | 10.7% | 14.4% | -3.7% |
| Hispanic | 23.0% | N/A | N/A | Hispanic | 23.0% | 14.5% | 8.5% |
| White | 63.0% | N/A | N/A | White | 63.0% | 66.4% | -3.4% |
| Other | 3.4% | N/A | N/A | Other | 3.4% | 4.6% | -1.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,868 | 34.9% | 42.1% | NW | 928 | 40.3% | 34.5% |
| White | 4,872 | 65.1% | 57.9% | White | 1,481 | 59.7% | 65.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .007* sig. | | | |
| Odds ratio Exp(B) ⁷ : .713* sig. | | | | Odds ratio Exp(B) ⁷ : 1.016 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 51.7% | 35.5% | 11.4% | 1.4% | NW | 8 | N/A |
| Hispanic | 46.5% | 32.8% | 18.2% | 2.5% | White | 30 | N/A |
| White | 55.8% | 37.4% | 5.3% | 1.5% | | | |
| Other | 43.8% | 51.6% | 3.2% | 1.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-8

| Total Citations ¹ : 4,765 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,575) | | | | ITP Stops ³ (N = 1,471) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.62 | | | | 35.58 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.2% | | | | Female 36.6% | | | |
| Male 63.7% | | | | Male 63.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.6% | | | | Race % Mis/Unk ⁴ 1.7% | | | |
| AA/Black 14.0% | | | | AA/Black 14.2% | | | |
| Hispanic 19.8% | | | | Hispanic 20.2% | | | |
| White 61.5% | | | | White 60.9% | | | |
| Other 4.8% | | | | Other 4.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.0% | N/A | N/A | AA/Black | 14.0% | 14.4% | -0.4% |
| Hispanic | 19.8% | N/A | N/A | Hispanic | 19.8% | 14.5% | 5.3% |
| White | 61.5% | N/A | N/A | White | 61.5% | 66.4% | -4.9% |
| Other | 4.8% | N/A | N/A | Other | 4.8% | 4.6% | 0.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,645 | 35.4% | 44.3% | NW | 493 | 37.1% | 41.2% |
| White | 2,648 | 64.6% | 55.7% | White | 793 | 62.9% | 58.8% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .168 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .681* sig. | | | | Odds ratio Exp(B) ⁷ : .723* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 62.8% | 20.4% | 13.8% | 3.0% | NW | 4 | N/A |
| Hispanic | 59.7% | 22.7% | 15.8% | 1.9% | White | 3 | N/A |
| White | 66.7% | 25.9% | 5.6% | 1.8% | | | |
| Other | 59.4% | 35.6% | 3.2% | 1.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C HEADQUARTERS

| Total Citations ¹ : 3,976 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,948) | | | | ITP Stops ³ (N = 1,462) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.76 | | | | 35.12 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.1% | | | | Female 28.5% | | | |
| Male 70.8% | | | | Male 71.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 11.0% | | | | AA/Black 10.8% | | | |
| Hispanic 19.9% | | | | Hispanic 20.6% | | | |
| White 63.6% | | | | White 62.8% | | | |
| Other 5.6% | | | | Other 5.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.0% | N/A | N/A | AA/Black | 11.0% | 14.4% | -3.4% |
| Hispanic | 19.9% | N/A | N/A | Hispanic | 19.9% | 14.5% | 5.4% |
| White | 63.6% | N/A | N/A | White | 63.6% | 66.4% | -2.8% |
| Other | 5.6% | N/A | N/A | Other | 5.6% | 4.6% | 1.0% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,357 | 34.4% | 45.7% | NW | 481 | 34.5% | 43.0% |
| White | 2,401 | 65.6% | 54.3% | White | 834 | 65.5% | 57.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .006* sig. | | | |
| Odds ratio Exp(B) ⁷ : .626* sig. | | | | Odds ratio Exp(B) ⁷ : .570* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 48.7% | 39.1% | 11.0% | 1.1% | NW | 26 | N/A |
| Hispanic | 42.8% | 42.3% | 13.7% | 1.2% | White | 25 | N/A |
| White | 53.1% | 43.2% | 3.4% | 0.2% | | | |
| Other | 53.1% | 44.8% | 2.7% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-1

| Total Citations ¹ : 5,197 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,114) | | | | ITP Stops ³ (N = 1,094) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.48 | | | | 35.28 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.4% | | | | Female 37.1% | | | |
| Male 60.6% | | | | Male 62.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 0.6% | | | |
| AA/Black 7.8% | | | | AA/Black 7.1% | | | |
| Hispanic 12.3% | | | | Hispanic 12.3% | | | |
| White 75.7% | | | | White 76.1% | | | |
| Other 4.2% | | | | Other 4.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.8% | N/A | N/A | AA/Black | 7.8% | 14.4% | -6.6% |
| Hispanic | 12.3% | N/A | N/A | Hispanic | 12.3% | 14.5% | -2.2% |
| White | 75.7% | N/A | N/A | White | 75.7% | 66.4% | 9.3% |
| Other | 4.2% | N/A | N/A | Other | 4.2% | 4.6% | -0.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,204 | 24.6% | 23.8% | NW | 236 | 25.3% | 21.9% |
| White | 3,721 | 75.4% | 76.2% | White | 729 | 74.7% | 78.1% |
| Chi-square, X-tab ⁶ : | | .599 | not sig. | Chi-square, X-tab ⁶ : | | .295 | not sig. |
| Odds ratio Exp(B) ⁷ : | | 1.041 | not sig. | Odds ratio Exp(B) ⁷ : | | .812 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 65.5% | 26.0% | 7.5% | 1.0% | NW | 4 | N/A |
| Hispanic | 60.4% | 25.6% | 13.2% | 0.8% | White | 10 | N/A |
| White | 68.9% | 26.6% | 3.8% | 0.7% | | | |
| Other | 64.8% | 32.9% | 2.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-2

| Total Citations ¹ : 4,694 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,437) | | | | ITP Stops ³ (N = 1,277) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.63 | | | | 35.12 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.3% | | | | Female 32.7% | | | |
| Male 67.7% | | | | Male 67.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 0.6% | | | |
| AA/Black 13.4% | | | | AA/Black 9.3% | | | |
| Hispanic 21.4% | | | | Hispanic 20.6% | | | |
| White 60.0% | | | | White 65.6% | | | |
| Other 5.2% | | | | Other 4.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.4% | N/A | N/A | AA/Black | 13.4% | 14.4% | -1.0% |
| Hispanic | 21.4% | N/A | N/A | Hispanic | 21.4% | 14.5% | 6.9% |
| White | 60.0% | N/A | N/A | White | 60.0% | 66.4% | -6.4% |
| Other | 5.2% | N/A | N/A | Other | 5.2% | 4.6% | 0.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,710 | 33.1% | 49.0% | NW | 394 | 32.6% | 35.9% |
| White | 2,569 | 66.9% | 51.0% | White | 773 | 67.4% | 64.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .249 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .508* sig. | | | | Odds ratio Exp(B) ⁷ : .743 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 58.5% | 26.3% | 13.0% | 2.2% | NW | 4 | N/A |
| Hispanic | 44.2% | 30.1% | 22.9% | 2.8% | White | 2 | N/A |
| White | 59.3% | 32.4% | 6.4% | 1.8% | | | |
| Other | 44.7% | 44.7% | 9.3% | 1.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-3

| Total Citations ¹ : 2,701 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,621) | | | | ITP Stops ³ (N = 578) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.02 | | | | 35.43 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.9% | | | | Female 31.1% | | | |
| Male 67.0% | | | | Male 68.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.1% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 14.8% | | | | AA/Black 14.0% | | | |
| Hispanic 19.0% | | | | Hispanic 21.4% | | | |
| White 62.3% | | | | White 61.9% | | | |
| Other 4.0% | | | | Other 2.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.8% | N/A | N/A | AA/Black | 14.8% | 14.4% | 0.4% |
| Hispanic | 19.0% | N/A | N/A | Hispanic | 19.0% | 14.5% | 4.5% |
| White | 62.3% | N/A | N/A | White | 62.3% | 66.4% | -4.1% |
| Other | 4.0% | N/A | N/A | Other | 4.0% | 4.6% | -0.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 942 | 32.4% | 46.5% | NW | 192 | 38.8% | 37.3% |
| White | 1,550 | 67.6% | 53.5% | White | 309 | 61.2% | 62.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .738 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .546* sig. | | | | Odds ratio Exp(B) ⁷ : .928 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 65.3% | 9.1% | 23.8% | 1.8% | NW | 4 | N/A |
| Hispanic | 56.6% | 9.4% | 30.3% | 3.7% | White | 13 | N/A |
| White | 78.5% | 10.0% | 10.0% | 1.5% | | | |
| Other | 72.9% | 12.1% | 15.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-4

| Total Citations ¹ : 4,248 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,909) | | | | ITP Stops ³ (N = 1,010) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.5 | | | | 36.61 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.9% | | | | Female 30.6% | | | |
| Male 67.0% | | | | Male 69.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 2.2% | | | |
| AA/Black 11.1% | | | | AA/Black 8.7% | | | |
| Hispanic 20.1% | | | | Hispanic 19.7% | | | |
| White 63.9% | | | | White 65.6% | | | |
| Other 5.0% | | | | Other 6.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.1% | N/A | N/A | AA/Black | 11.1% | 14.4% | -3.3% |
| Hispanic | 20.1% | N/A | N/A | Hispanic | 20.1% | 14.5% | 5.6% |
| White | 63.9% | N/A | N/A | White | 63.9% | 66.4% | -2.5% |
| Other | 5.0% | N/A | N/A | Other | 5.0% | 4.6% | 0.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,348 | 33.9% | 40.9% | NW | 310 | 34.5% | 32.9% |
| White | 2,387 | 66.1% | 59.1% | White | 599 | 65.5% | 67.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .655 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .754* sig. | | | | Odds ratio Exp(B) ⁷ : 1.624* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 62.6% | 28.0% | 8.7% | 0.7% | NW | 7 | N/A |
| Hispanic | 51.0% | 25.5% | 21.2% | 2.2% | White | 8 | N/A |
| White | 59.4% | 34.0% | 5.3% | 1.4% | | | |
| Other | 52.7% | 38.2% | 7.7% | 1.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-5

| Total Citations ¹ : 6,423 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 6,266) | | | | ITP Stops ³ (N = 1,650) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.24 | | | | 35 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.8% | | | | Female 26.9% | | | |
| Male 72.2% | | | | Male 73.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 12.8% | | | | AA/Black 12.8% | | | |
| Hispanic 19.0% | | | | Hispanic 21.3% | | | |
| White 62.1% | | | | White 60.7% | | | |
| Other 6.1% | | | | Other 5.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.8% | N/A | N/A | AA/Black | 12.8% | 14.4% | -1.6% |
| Hispanic | 19.0% | N/A | N/A | Hispanic | 19.0% | 14.5% | 4.5% |
| White | 62.1% | N/A | N/A | White | 62.1% | 66.4% | -4.3% |
| Other | 6.1% | N/A | N/A | Other | 6.1% | 4.6% | 1.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,265 | 33.9% | 44.3% | NW | 566 | 38.8% | 39.3% |
| White | 3,734 | 66.1% | 55.7% | White | 884 | 61.2% | 60.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .862 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .652* sig. | | | | Odds ratio Exp(B) ⁷ : .952 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 65.4% | 18.2% | 13.8% | 2.6% | NW | 47 | N/A |
| Hispanic | 62.8% | 16.0% | 18.2% | 3.1% | White | 38 | N/A |
| White | 75.1% | 17.2% | 5.9% | 1.9% | | | |
| Other | 69.6% | 26.2% | 4.0% | 0.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-6

| Total Citations ¹ : 7,061 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 6,537) | | | | ITP Stops ³ (N = 1,433) | | | |
|------------------------------------|--|--|--|------------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.77 | | | | 35.18 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.0% | | | | Female 32.4% | | | |
| Male 65.0% | | | | Male 67.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 16.6% | | | | AA/Black 13.8% | | | |
| Hispanic 24.3% | | | | Hispanic 24.3% | | | |
| White 54.0% | | | | White 57.0% | | | |
| Other 5.1% | | | | Other 5.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 16.6% | N/A | N/A | AA/Black | 16.6% | 14.4% | 2.2% |
| Hispanic | 24.3% | N/A | N/A | Hispanic | 24.3% | 14.5% | 9.8% |
| White | 54.0% | N/A | N/A | White | 54.0% | 66.4% | -12.4% |
| Other | 5.1% | N/A | N/A | Other | 5.1% | 4.6% | 0.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,882 | 43.1% | 52.4% | NW | 539 | 39.7% | 52.3% |
| White | 3,366 | 56.9% | 47.6% | White | 700 | 60.3% | 47.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .701* sig. | | | | Odds ratio Exp(B) ⁷ : .592* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 55.5% | 28.7% | 13.3% | 2.6% | NW | 21 | N/A |
| Hispanic | 50.7% | 30.7% | 16.0% | 2.6% | White | 31 | N/A |
| White | 61.7% | 31.9% | 5.4% | 1.1% | | | |
| Other | 65.1% | 30.3% | 4.0% | 0.6% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-7

| Total Citations ¹ : 3,654 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,619) | | | | ITP Stops ³ (N = 1,093) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.29 | | | | 37.63 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.3% | | | | Female 34.5% | | | |
| Male 63.6% | | | | Male 65.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.0% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 6.9% | | | | AA/Black 6.1% | | | |
| Hispanic 9.7% | | | | Hispanic 10.2% | | | |
| White 80.3% | | | | White 80.7% | | | |
| Other 3.0% | | | | Other 3.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.9% | N/A | N/A | AA/Black | 6.9% | 14.4% | -7.5% |
| Hispanic | 9.7% | N/A | N/A | Hispanic | 9.7% | 14.5% | -4.8% |
| White | 80.3% | N/A | N/A | White | 80.3% | 66.4% | 13.9% |
| Other | 3.0% | N/A | N/A | Other | 3.0% | 4.6% | -1.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 690 | 18.7% | 25.3% | NW | 194 | 19.4% | 22.8% |
| White | 2,778 | 81.3% | 74.7% | White | 772 | 80.6% | 77.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .293 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .681* sig. | | | | Odds ratio Exp(B) ⁷ : .736 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 81.7% | 9.9% | 6.0% | 2.4% | NW | 3 | N/A |
| Hispanic | 74.7% | 12.0% | 10.6% | 2.8% | White | 15 | N/A |
| White | 91.0% | 5.0% | 3.5% | 0.5% | | | |
| Other | 90.0% | 7.3% | 2.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE C-9 (DEVENS)

| Total Citations ¹ : 534 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 515) | | | | ITP Stops ³ (N = 125) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.18 | | | | 36.85 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.6% | | | | Female 30.4% | | | |
| Male 68.4% | | | | Male 69.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 9.4% | | | | AA/Black 8.9% | | | |
| Hispanic 20.6% | | | | Hispanic 17.1% | | | |
| White 63.9% | | | | White 65.9% | | | |
| Other 6.1% | | | | Other 8.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.4% | N/A | N/A | AA/Black | 9.4% | 14.4% | -5.0% |
| Hispanic | 20.6% | N/A | N/A | Hispanic | 20.6% | 14.5% | 6.1% |
| White | 63.9% | N/A | N/A | White | 63.9% | 66.4% | -2.5% |
| Other | 6.1% | N/A | N/A | Other | 6.1% | 4.6% | 1.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 174 | 34.9% | 41.7% | NW | 34 | 30.2% | 45.5% |
| White | 315 | 65.1% | 58.3% | White | 73 | 69.8% | 54.5% |
| Chi-square, X-tab ⁶ : .354 not sig. | | | | Chi-square, X-tab ⁶ : .304 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .796 not sig. | | | | Odds ratio Exp(B) ⁷ : .439 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 88.2% | 11.8% | 0.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 88.2% | 5.5% | 4.5% | 1.8% | White | 0 | N/A |
| White | 93.7% | 5.1% | 0.9% | 0.3% | | | |
| Other | 87.9% | 12.1% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .032* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-10

| Total Citations ¹ : 9,773 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 9,286) | | | | ITP Stops ³ (N = 2,617) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 33.58 | | | | 33.79 | | | |
| Gender % | | | | Gender % | | | |
| Female 26.8% | | | | Female 27.1% | | | |
| Male 73.1% | | | | Male 72.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 1.7% | | | |
| AA/Black 19.2% | | | | AA/Black 17.1% | | | |
| Hispanic 21.2% | | | | Hispanic 19.9% | | | |
| White 52.2% | | | | White 55.8% | | | |
| Other 7.4% | | | | Other 7.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 19.2% | N/A | N/A | AA/Black | 19.2% | 14.4% | 4.8% |
| Hispanic | 21.2% | N/A | N/A | Hispanic | 21.2% | 14.5% | 6.7% |
| White | 52.2% | N/A | N/A | White | 52.2% | 66.4% | -14.2% |
| Other | 7.4% | N/A | N/A | Other | 7.4% | 4.6% | 2.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 4,194 | 45.9% | 50.6% | NW | 994 | 45.2% | 42.2% |
| White | 4,562 | 54.1% | 49.4% | White | 1,261 | 54.8% | 57.8% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .162 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .824* | sig. | Odds ratio Exp(B) ⁷ : | | .982 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 56.1% | 27.6% | 12.8% | 3.5% | NW | 63 | N/A |
| Hispanic | 50.7% | 25.8% | 19.6% | 3.8% | White | 28 | N/A |
| White | 59.7% | 32.9% | 5.6% | 1.9% | | | |
| Other | 58.1% | 34.3% | 5.9% | 1.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D HEADQUARTERS

| Total Citations ¹ : 6,761 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 6,665) | | | | ITP Stops ³ (N = 1,716) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.12 | | | | 33.23 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.1% | | | | Female 25.1% | | | |
| Male 65.8% | | | | Male 74.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.8% | | | | Race % Mis/Unk ⁴ 0.9% | | | |
| AA/Black 20.9% | | | | AA/Black 22.8% | | | |
| Hispanic 13.4% | | | | Hispanic 18.7% | | | |
| White 63.3% | | | | White 57.0% | | | |
| Other 2.3% | | | | Other 1.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 20.9% | N/A | N/A | AA/Black | 20.9% | 14.4% | 6.5% |
| Hispanic | 13.4% | N/A | N/A | Hispanic | 13.4% | 14.5% | -1.1% |
| White | 63.3% | N/A | N/A | White | 63.3% | 66.4% | -3.1% |
| Other | 2.3% | N/A | N/A | Other | 2.3% | 4.6% | -2.3% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,347 | 34.5% | 45.1% | NW | 637 | 42.2% | 44.8% |
| White | 4,080 | 65.5% | 54.9% | White | 840 | 57.8% | 55.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .339 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .654* sig. | | | | Odds ratio Exp(B) ⁷ : .907 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|--------------|
| AA/Black | 38.2% | 50.4% | 8.0% | 3.3% | NW | 84 | 54.2% |
| Hispanic | 32.7% | 51.2% | 10.5% | 5.5% | White | 71 | 45.8% |
| White | 40.0% | 53.3% | 4.6% | 2.1% | | | |
| Other | 23.4% | 74.0% | 2.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D-1

| Total Citations ¹ : 6,380 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,953) | | | | ITP Stops ³ (N = 1,684) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.88 | | | | 37.87 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.4% | | | | Female 32.0% | | | |
| Male 64.5% | | | | Male 68.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 1.5% | | | |
| AA/Black 8.6% | | | | AA/Black 6.7% | | | |
| Hispanic 5.2% | | | | Hispanic 6.2% | | | |
| White 83.4% | | | | White 84.1% | | | |
| Other 2.9% | | | | Other 3.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.6% | N/A | N/A | AA/Black | 8.6% | 14.4% | -5.8% |
| Hispanic | 5.2% | N/A | N/A | Hispanic | 5.2% | 14.5% | -9.3% |
| White | 83.4% | N/A | N/A | White | 83.4% | 66.4% | 17.0% |
| Other | 2.9% | N/A | N/A | Other | 2.9% | 4.6% | -1.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 948 | 14.8% | 19.5% | NW | 233 | 15.9% | 15.8% |
| White | 4,731 | 85.2% | 80.5% | White | 1,234 | 84.1% | 84.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .981 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .725* sig. | | | | Odds ratio Exp(B) ⁷ : 1.135 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 62.0% | 24.8% | 10.0% | 3.1% | NW | 1 | N/A |
| Hispanic | 56.0% | 25.8% | 13.8% | 4.3% | White | 3 | N/A |
| White | 69.7% | 23.1% | 5.5% | 1.7% | | | |
| Other | 69.6% | 24.9% | 3.9% | 1.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D-2

| Total Citations ¹ : 4,431 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,285) | | | | ITP Stops ³ (N = 1,403) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.21 | | | | 37.04 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.3% | | | | Female 30.8% | | | |
| Male 65.7% | | | | Male 69.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 6.4% | | | | Race % Mis/Unk ⁴ 11.0% | | | |
| AA/Black 11.6% | | | | AA/Black 10.9% | | | |
| Hispanic 7.8% | | | | Hispanic 8.2% | | | |
| White 77.9% | | | | White 78.9% | | | |
| Other 2.7% | | | | Other 2.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.6% | N/A | N/A | AA/Black | 11.6% | 14.4% | -2.8% |
| Hispanic | 7.8% | N/A | N/A | Hispanic | 7.8% | 14.5% | -6.7% |
| White | 77.9% | N/A | N/A | White | 77.9% | 66.4% | 11.5% |
| Other | 2.7% | N/A | N/A | Other | 2.7% | 4.6% | -1.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 856 | 18.7% | 28.1% | NW | 235 | 20.4% | 22.4% |
| White | 3,010 | 81.3% | 71.9% | White | 881 | 79.6% | 77.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .448 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .601* sig. | | | | Odds ratio Exp(B) ⁷ : 1.024 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 69.3% | 14.7% | 13.4% | 2.5% | NW | 11 | N/A |
| Hispanic | 51.1% | 15.4% | 25.4% | 8.2% | White | 20 | N/A |
| White | 74.1% | 15.9% | 7.9% | 2.0% | | | |
| Other | 75.9% | 19.6% | 2.7% | 1.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D-3

| Total Citations ¹ : 10,873 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 9,888) | | | | ITP Stops ³ (N = 2,758) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.9 | | | | 34.7 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.9% | | | | Female 32.9% | | | |
| Male 63.1% | | | | Male 67.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 18.2% | | | | AA/Black 18.5% | | | |
| Hispanic 14.2% | | | | Hispanic 14.2% | | | |
| White 65.6% | | | | White 65.3% | | | |
| Other 1.9% | | | | Other 2.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 18.2% | N/A | N/A | AA/Black | 18.2% | 14.4% | 3.8% |
| Hispanic | 14.2% | N/A | N/A | Hispanic | 14.2% | 14.5% | -0.3% |
| White | 65.6% | N/A | N/A | White | 65.6% | 66.4% | -0.8% |
| Other | 1.9% | N/A | N/A | Other | 1.9% | 4.6% | -2.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 3,270 | 30.3% | 42.5% | NW | 861 | 34.0% | 37.5% |
| White | 6,202 | 69.7% | 57.5% | White | 1,588 | 66.0% | 62.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .086 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .603* sig. | | | | Odds ratio Exp(B) ⁷ : .952 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|------------|--------------|
| AA/Black | 45.7% | 31.3% | 16.2% | 6.8% | NW | 81 | 39.3% |
| Hispanic | 34.9% | 34.4% | 24.1% | 6.6% | White | 125 | 60.7% |
| White | 53.3% | 32.8% | 10.0% | 3.8% | | | |
| Other | 46.8% | 38.4% | 12.3% | 2.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D-4

| Total Citations ¹ : 7,418 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 6,887) | | | | ITP Stops ³ (N = 1,550) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.39 | | | | 35.37 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.2% | | | | Female 32.3% | | | |
| Male 67.8% | | | | Male 67.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 30.3% | | | | AA/Black 22.0% | | | |
| Hispanic 14.9% | | | | Hispanic 15.4% | | | |
| White 52.4% | | | | White 60.5% | | | |
| Other 2.4% | | | | Other 2.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 30.3% | N/A | N/A | AA/Black | 30.3% | 14.4% | 15.9% |
| Hispanic | 14.9% | N/A | N/A | Hispanic | 14.9% | 14.5% | 0.4% |
| White | 52.4% | N/A | N/A | White | 52.4% | 66.4% | -14.0% |
| Other | 2.4% | N/A | N/A | Other | 2.4% | 4.6% | -2.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 3,184 | 42.3% | 57.7% | NW | 544 | 38.7% | 42.3% |
| White | 3,473 | 57.7% | 42.3% | White | 823 | 61.3% | 57.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .218 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .541* sig. | | | | Odds ratio Exp(B) ⁷ : .780 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|------------|--------------|
| AA/Black | 52.5% | 30.8% | 12.2% | 4.6% | NW | 157 | 67.4% |
| Hispanic | 46.8% | 32.7% | 17.4% | 3.1% | White | 76 | 32.6% |
| White | 58.2% | 32.6% | 6.8% | 2.4% | | | |
| Other | 54.3% | 38.3% | 5.7% | 1.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MASSACHUSETTS STATE POLICE TROOP D-5

| | | | | | | | |
|---|-----------------------------|--------------|--------------|--|--------------|--------------|---------------|
| Total Citations ¹ : 107 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: N/A | | | Citations per 1000 | | | |
| | Passing through: N/A | | | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 101) | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | Mean age | | | |
| 41.35 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 32.3% | | | | Female N/A | | | |
| Male 67.7% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 3.0% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 8.2% | | | | AA/Black N/A | | | |
| Hispanic 3.1% | | | | Hispanic N/A | | | |
| White 86.7% | | | | White N/A | | | |
| Other 2.0% | | | | Other N/A | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 8.2% | N/A | N/A | AA/Black | 8.2% | 14.4% | -6.2% |
| Hispanic | 3.1% | N/A | N/A | Hispanic | 3.1% | 14.5% | -11.4% |
| White | 86.7% | N/A | N/A | White | 86.7% | 66.4% | 20.3% |
| Other | 2.0% | N/A | N/A | Other | 2.0% | 4.6% | -2.6% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 75.0% | 12.5% | 12.5% | 0.0% | NW | 0 | N/A |
| Hispanic | 100.0% | 0.0% | 0.0% | 0.0% | White | 0 | N/A |
| White | 70.3% | 16.5% | 9.9% | 3.3% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .982 | | | | not sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MASSACHUSETTS STATE POLICE TROOP D-6

| | | | | | | | |
|---|-----------------------------|--------------|--------------|--|--------------|--------------|--------------|
| Total Citations ¹ : 806 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: N/A | | | Citations per 1000 | | | |
| | Passing through: N/A | | | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops ² (N = 801) | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | Mean age | | | |
| 40.54 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 24.4% | | | | Female N/A | | | |
| Male 75.6% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 5.7% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 10.5% | | | | AA/Black N/A | | | |
| Hispanic 17.0% | | | | Hispanic N/A | | | |
| White 70.5% | | | | White N/A | | | |
| Other 2.1% | | | | Other N/A | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 10.5% | N/A | N/A | AA/Black | 10.5% | 14.4% | -3.9% |
| Hispanic | 17.0% | N/A | N/A | Hispanic | 17.0% | 14.5% | 2.5% |
| White | 70.5% | N/A | N/A | White | 70.5% | 66.4% | 4.1% |
| Other | 2.1% | N/A | N/A | Other | 2.1% | 4.6% | -2.5% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 220 | 30.3% | 26.5% | NW | N/A | N/A | N/A |
| White | 516 | 69.7% | 73.5% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .474 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .937 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 7.5% | 67.5% | 23.8% | 1.3% | NW | 0 | N/A |
| Hispanic | 3.9% | 56.3% | 35.9% | 3.9% | White | 3 | N/A |
| White | 13.1% | 76.3% | 8.6% | 2.1% | | | |
| Other | 12.5% | 81.3% | 6.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D-7

| Total Citations ¹ : 10,140 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 9,885) | | | | ITP Stops ³ (N = 2,845) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.04 | | | | 37.3 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.9% | | | | Female 34.7% | | | |
| Male 62.0% | | | | Male 65.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 10.9% | | | | AA/Black 9.3% | | | |
| Hispanic 7.5% | | | | Hispanic 8.3% | | | |
| White 79.4% | | | | White 80.3% | | | |
| Other 2.2% | | | | Other 2.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.9% | N/A | N/A | AA/Black | 10.9% | 14.4% | -3.5% |
| Hispanic | 7.5% | N/A | N/A | Hispanic | 7.5% | 14.5% | -7.0% |
| White | 79.4% | N/A | N/A | White | 79.4% | 66.4% | 13.0% |
| Other | 2.2% | N/A | N/A | Other | 2.2% | 4.6% | -2.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,946 | 18.6% | 26.5% | NW | 494 | 18.6% | 22.3% |
| White | 7,557 | 81.4% | 73.5% | White | 2,070 | 81.4% | 77.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .059 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .660* sig. | | | | Odds ratio Exp(B) ⁷ : .710* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 55.1% | 34.8% | 8.3% | 1.8% | NW | 19 | N/A |
| Hispanic | 48.3% | 37.0% | 13.1% | 1.6% | White | 35 | N/A |
| White | 58.9% | 35.9% | 4.0% | 1.2% | | | |
| Other | 60.8% | 35.0% | 3.7% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP F HEADQUARTERS

| Total Citations ¹ : 592 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 549) | | | | ITP Stops ³ (N = 163) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.41 | | | | 36.99 | | | |
| Gender % | | | | Gender % | | | |
| Female 26.7% | | | | Female 24.2% | | | |
| Male 73.3% | | | | Male 75.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 17.3% | | | | AA/Black 16.3% | | | |
| Hispanic 19.0% | | | | Hispanic 16.9% | | | |
| White 55.9% | | | | White 58.1% | | | |
| Other 7.8% | | | | Other 8.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 17.3% | N/A | N/A | AA/Black | 17.3% | 14.4% | 2.9% |
| Hispanic | 19.0% | N/A | N/A | Hispanic | 19.0% | 14.5% | 4.5% |
| White | 55.9% | N/A | N/A | White | 55.9% | 66.4% | -10.5% |
| Other | 7.8% | N/A | N/A | Other | 7.8% | 4.6% | 3.2% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|---|----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 226 | 40.8% | 52.9% | NW | 63 | 43.3% | 47.4% |
| White | 282 | 59.2% | 47.1% | White | 79 | 56.7% | 52.6% |
| Chi-square, X-tab ⁶ : .011* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .663 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .608* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .944 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 35.6% | 42.3% | 18.3% | 3.8% | NW | 4 | N/A |
| Hispanic | 22.5% | 56.8% | 18.9% | 1.8% | White | 1 | N/A |
| White | 38.9% | 52.3% | 5.9% | 2.8% | | | |
| Other | 34.1% | 63.6% | 2.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H HEADQUARTERS

| Total Citations ¹ : 344 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 329) | | | | ITP Stops ³ (N = 147) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.96 | | | | 34.99 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.9% | | | | Female 26.9% | | | |
| Male 70.1% | | | | Male 73.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 28.7% | | | | AA/Black 28.3% | | | |
| Hispanic 14.8% | | | | Hispanic 12.4% | | | |
| White 52.5% | | | | White 55.2% | | | |
| Other 4.0% | | | | Other 4.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 28.7% | N/A | N/A | AA/Black | 28.7% | 14.4% | 14.3% |
| Hispanic | 14.8% | N/A | N/A | Hispanic | 14.8% | 14.5% | 0.3% |
| White | 52.5% | N/A | N/A | White | 52.5% | 66.4% | -13.9% |
| Other | 4.0% | N/A | N/A | Other | 4.0% | 4.6% | -0.6% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 146 | 44.3% | 53.3% | NW | 59 | 38.9% | 55.8% |
| White | 162 | 55.7% | 46.7% | White | 74 | 61.1% | 44.2% |
| Chi-square, X-tab ⁶ : .132 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .066 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .521* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .320* <i>sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|-------------|--------------|-------|----------|------------|
| AA/Black | 69.7% | 15.2% | 5.1% | 10.1% | NW | 9 | N/A |
| Hispanic | 52.8% | 28.3% | 5.7% | 13.2% | White | 1 | N/A |
| White | 59.2% | 32.8% | 6.3% | 1.7% | | | |
| Other | 69.2% | 30.8% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .004* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-2

| Total Citations ¹ : 5,026 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,673) | | | | ITP Stops ³ (N = 1,187) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.91 | | | | 36.09 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.6% | | | | Female 27.8% | | | |
| Male 70.4% | | | | Male 72.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 1.6% | | | |
| AA/Black 25.4% | | | | AA/Black 20.3% | | | |
| Hispanic 16.4% | | | | Hispanic 16.5% | | | |
| White 49.8% | | | | White 56.4% | | | |
| Other 8.4% | | | | Other 6.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 25.4% | N/A | N/A | AA/Black | 25.4% | 14.4% | 11.0% |
| Hispanic | 16.4% | N/A | N/A | Hispanic | 16.4% | 14.5% | 1.9% |
| White | 49.8% | N/A | N/A | White | 49.8% | 66.4% | -16.6% |
| Other | 8.4% | N/A | N/A | Other | 8.4% | 4.6% | 3.8% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,269 | 43.0% | 61.8% | NW | 463 | 43.5% | 44.2% |
| White | 2,227 | 57.0% | 38.2% | White | 597 | 56.5% | 55.8% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .838 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .465* sig. | | | | Odds ratio Exp(B) ⁷ : .904 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 70.4% | 16.8% | 10.6% | 2.2% | NW | 15 | N/A |
| Hispanic | 63.9% | 18.3% | 15.0% | 2.7% | White | 4 | N/A |
| White | 77.5% | 18.0% | 3.8% | 0.7% | | | |
| Other | 75.2% | 22.6% | 1.7% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-3

| Total Citations ¹ : 3,975 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,543) | | | | ITP Stops ³ (N = 1,086) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.83 | | | | 35.76 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.8% | | | | Female 31.8% | | | |
| Male 67.1% | | | | Male 68.1% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 3.8% | | | | Race % Mis/Unk ⁴ 3.7% | | | |
| AA/Black 25.1% | | | | AA/Black 21.0% | | | |
| Hispanic 15.9% | | | | Hispanic 13.8% | | | |
| White 54.0% | | | | White 60.3% | | | |
| Other 5.0% | | | | Other 4.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 25.1% | N/A | N/A | AA/Black | 25.1% | 14.4% | 10.7% |
| Hispanic | 15.9% | N/A | N/A | Hispanic | 15.9% | 14.5% | 1.4% |
| White | 54.0% | N/A | N/A | White | 54.0% | 66.4% | -12.4% |
| Other | 5.0% | N/A | N/A | Other | 5.0% | 4.6% | 0.4% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,525 | 39.6% | 54.5% | NW | 381 | 37.8% | 44.0% |
| White | 1,789 | 60.4% | 45.5% | White | 583 | 62.2% | 56.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .077 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .541* sig. | | | | Odds ratio Exp(B) ⁷ : .863 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 56.4% | 26.5% | 12.9% | 4.3% | NW | 6 | N/A |
| Hispanic | 50.7% | 27.0% | 19.4% | 3.0% | White | 2 | N/A |
| White | 63.6% | 27.3% | 7.1% | 2.0% | | | |
| Other | 67.7% | 22.9% | 6.3% | 3.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-4

| Total Citations ¹ : 6,441 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,971) | | | | ITP Stops ³ (N = 1,533) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.25 | | | | 36.87 | | | |
| Gender % | | | | Gender % | | | |
| Female 26.5% | | | | Female 30.0% | | | |
| Male 73.5% | | | | Male 70.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.1% | | | | Race % Mis/Unk ⁴ 2.2% | | | |
| AA/Black 22.1% | | | | AA/Black 19.8% | | | |
| Hispanic 17.5% | | | | Hispanic 18.8% | | | |
| White 49.2% | | | | White 49.5% | | | |
| Other 11.2% | | | | Other 11.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 22.1% | N/A | N/A | AA/Black | 22.1% | 14.4% | 7.7% |
| Hispanic | 17.5% | N/A | N/A | Hispanic | 17.5% | 14.5% | 3.0% |
| White | 49.2% | N/A | N/A | White | 49.2% | 66.4% | -17.2% |
| Other | 11.2% | N/A | N/A | Other | 11.2% | 4.6% | 6.6% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,892 | 47.7% | 58.5% | NW | 695 | 48.3% | 58.1% |
| White | 2,780 | 52.3% | 41.5% | White | 670 | 51.7% | 41.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .001* sig. | | | |
| Odds ratio Exp(B) ⁷ : .664* sig. | | | | Odds ratio Exp(B) ⁷ : .668* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 62.7% | 24.1% | 11.5% | 1.7% | NW | 19 | N/A |
| Hispanic | 58.4% | 25.5% | 14.5% | 1.6% | White | 10 | N/A |
| White | 68.7% | 25.9% | 4.2% | 1.2% | | | |
| Other | 68.7% | 25.2% | 4.8% | 1.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-5

| Total Citations ¹ : 683 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 642) | | | | ITP Stops ³ (N = 310) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.65 | | | | 39.43 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.8% | | | | Female 33.7% | | | |
| Male 65.2% | | | | Male 66.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.0% | | | | Race % Mis/Unk ⁴ 3.2% | | | |
| AA/Black 20.6% | | | | AA/Black 18.3% | | | |
| Hispanic 14.3% | | | | Hispanic 14.0% | | | |
| White 51.0% | | | | White 51.0% | | | |
| Other 14.1% | | | | Other 16.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 20.6% | N/A | N/A | AA/Black | 20.6% | 14.4% | 6.2% |
| Hispanic | 14.3% | N/A | N/A | Hispanic | 14.3% | 14.5% | -0.2% |
| White | 51.0% | N/A | N/A | White | 51.0% | 66.4% | -15.4% |
| Other | 14.1% | N/A | N/A | Other | 14.1% | 4.6% | 9.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 293 | 48.6% | 50.0% | NW | 138 | 47.7% | 51.0% |
| White | 307 | 51.4% | 50.0% | White | 148 | 52.3% | 49.0% |
| Chi-square, X-tab ⁶ : .805 not sig. | | | | Chi-square, X-tab ⁶ : .670 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .932 not sig. | | | | Odds ratio Exp(B) ⁷ : .833 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|-------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 2.9% | 95.7% | 1.4% | 0.0% | NW | 1 | N/A |
| Hispanic | 1.1% | 92.2% | 6.7% | 0.0% | White | 0 | N/A |
| White | 8.3% | 91.1% | 0.6% | 0.0% | | | |
| Other | 0.0% | 97.8% | 2.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-6

| Total Citations ¹ : 5,980 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,501) | | | | ITP Stops ³ (N = 1,469) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.38 | | | | 34.95 | | | |
| Gender % | | | | Gender % | | | |
| Female 26.1% | | | | Female 27.0% | | | |
| Male 73.8% | | | | Male 73.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 1.5% | | | |
| AA/Black 37.5% | | | | AA/Black 36.2% | | | |
| Hispanic 19.2% | | | | Hispanic 16.7% | | | |
| White 35.8% | | | | White 39.3% | | | |
| Other 7.5% | | | | Other 7.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 37.5% | N/A | N/A | AA/Black | 37.5% | 14.4% | 23.1% |
| Hispanic | 19.2% | N/A | N/A | Hispanic | 19.2% | 14.5% | 4.7% |
| White | 35.8% | N/A | N/A | White | 35.8% | 66.4% | -30.6% |
| Other | 7.5% | N/A | N/A | Other | 7.5% | 4.6% | 2.9% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 3,381 | 51.8% | 74.1% | NW | 779 | 56.9% | 66.7% |
| White | 1,866 | 48.2% | 25.9% | White | 493 | 43.1% | 33.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .379* sig. | | | | Odds ratio Exp(B) ⁷ : .646* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 72.8% | 11.6% | 13.2% | 2.4% | NW | 59 | N/A |
| Hispanic | 71.6% | 12.7% | 13.0% | 2.8% | White | 20 | N/A |
| White | 74.2% | 15.9% | 7.8% | 2.1% | | | |
| Other | 72.1% | 19.5% | 6.6% | 1.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-7

| Total Citations ¹ : 6,477 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,669) | | | | ITP Stops ³ (N = 1,438) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.98 | | | | 35.82 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.7% | | | | Female 30.0% | | | |
| Male 70.3% | | | | Male 70.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.8% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 44.5% | | | | AA/Black 40.2% | | | |
| Hispanic 19.1% | | | | Hispanic 20.1% | | | |
| White 32.5% | | | | White 35.7% | | | |
| Other 3.9% | | | | Other 4.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 44.5% | N/A | N/A | AA/Black | 44.5% | 14.4% | 30.1% |
| Hispanic | 19.1% | N/A | N/A | Hispanic | 19.1% | 14.5% | 4.6% |
| White | 32.5% | N/A | N/A | White | 32.5% | 66.4% | -33.9% |
| Other | 3.9% | N/A | N/A | Other | 3.9% | 4.6% | -0.7% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 3,713 | 60.0% | 76.8% | NW | 836 | 63.7% | 67.4% |
| White | 1,773 | 40.0% | 23.2% | White | 453 | 36.3% | 32.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .193 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .447* sig. | | | | Odds ratio Exp(B) ⁷ : .879 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|------------|--------------|
| AA/Black | 67.3% | 18.7% | 12.2% | 1.8% | NW | 132 | 78.6% |
| Hispanic | 62.7% | 22.4% | 14.0% | 0.9% | White | 36 | 21.4% |
| White | 71.8% | 19.4% | 7.4% | 1.4% | | | |
| Other | 74.1% | 18.9% | 6.2% | 0.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-8

| Total Citations ¹ : 7,777 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,387) | | | | ITP Stops ³ (N = 1,395) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.29 | | | | 36.51 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.8% | | | | Female 26.2% | | | |
| Male 72.1% | | | | Male 73.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.8% | | | | Race % Mis/Unk ⁴ 2.8% | | | |
| AA/Black 17.8% | | | | AA/Black 12.9% | | | |
| Hispanic 18.6% | | | | Hispanic 18.6% | | | |
| White 52.9% | | | | White 59.6% | | | |
| Other 10.7% | | | | Other 8.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 17.8% | N/A | N/A | AA/Black | 17.8% | 14.4% | 3.4% |
| Hispanic | 18.6% | N/A | N/A | Hispanic | 18.6% | 14.5% | 4.1% |
| White | 52.9% | N/A | N/A | White | 52.9% | 66.4% | -13.5% |
| Other | 10.7% | N/A | N/A | Other | 10.7% | 4.6% | 6.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 3,346 | 46.0% | 48.9% | NW | 483 | 39.5% | 42.3% |
| White | 3,723 | 54.0% | 51.1% | White | 712 | 60.5% | 57.7% |
| Chi-square, X-tab ⁶ : | | .017* | sig. | Chi-square, X-tab ⁶ : | | .345 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .887* | sig. | Odds ratio Exp(B) ⁷ : | | .947 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 58.4% | 31.7% | 8.9% | 1.0% | NW | 14 | N/A |
| Hispanic | 54.5% | 28.7% | 15.9% | 0.9% | White | 10 | N/A |
| White | 66.0% | 29.9% | 3.3% | 0.8% | | | |
| Other | 58.5% | 37.6% | 3.4% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-9

| Total Citations ¹ : 8,063 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,365) | | | | ITP Stops ³ (N = 1,497) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.49 | | | | 36.34 | | | |
| Gender % | | | | Gender % | | | |
| Female 26.2% | | | | Female 22.4% | | | |
| Male 73.7% | | | | Male 77.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 2.3% | | | |
| AA/Black 28.4% | | | | AA/Black 22.4% | | | |
| Hispanic 25.8% | | | | Hispanic 29.9% | | | |
| White 37.1% | | | | White 40.5% | | | |
| Other 8.7% | | | | Other 7.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 28.4% | N/A | N/A | AA/Black | 28.4% | 14.4% | 14.0% |
| Hispanic | 25.8% | N/A | N/A | Hispanic | 25.8% | 14.5% | 11.3% |
| White | 37.1% | N/A | N/A | White | 37.1% | 66.4% | -29.3% |
| Other | 8.7% | N/A | N/A | Other | 8.7% | 4.6% | 4.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 4,437 | 50.3% | 72.2% | NW | 785 | 56.1% | 65.6% |
| White | 2,598 | 49.7% | 27.8% | White | 519 | 43.9% | 34.4% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .001* | sig. |
| Odds ratio Exp(B) ⁷ : | | .403* | sig. | Odds ratio Exp(B) ⁷ : | | .660* | sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 66.6% | 18.9% | 11.5% | 3.0% | NW | 27 | N/A |
| Hispanic | 57.0% | 22.6% | 17.0% | 3.4% | White | 7 | N/A |
| White | 64.9% | 26.1% | 6.3% | 2.7% | | | |
| Other | 68.6% | 25.6% | 4.9% | 0.9% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

All MASSACHUSETTS STATE POLICE

| Total Citations ¹ : 229,410 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 215,730) | | | | ITP Stops ³ (N = 60,435) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.76 | | | | 35.85 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.9% | | | | Female 30.5% | | | |
| Male 68.1% | | | | Male 69.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.8% | | | | Race % Mis/Unk ⁴ 2.8% | | | |
| AA/Black 16.8% | | | | AA/Black 14.5% | | | |
| Hispanic 18.6% | | | | Hispanic 19.2% | | | |
| White 59.5% | | | | White 61.6% | | | |
| Other 5.1% | | | | Other 4.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 16.8% | N/A | N/A | AA/Black | 16.8% | 14.4% | 2.4% |
| Hispanic | 18.6% | N/A | N/A | Hispanic | 18.6% | 14.5% | 4.1% |
| White | 59.5% | N/A | N/A | White | 59.5% | 66.4% | -6.9% |
| Other | 5.1% | N/A | N/A | Other | 5.1% | 4.6% | 0.5% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|---------|--------------|--------------|---|--------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 82,524 | 35.3% | 50.0% | NW | 20,269 | 36.9% | 41.7% |
| White | 120,620 | 64.7% | 50.0% | White | 32,416 | 63.1% | 58.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* not sig. | | | |
| Odds ratio Exp(B) ⁷ : .550* sig. | | | | Odds ratio Exp(B) ⁷ : .793* not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-------------|--------------|
| AA/Black | 58.9% | 25.7% | 12.4% | 2.9% | NW | 1029 | 54.8% |
| Hispanic | 52.5% | 27.0% | 17.4% | 3.2% | White | 850 | 45.2% |
| White | 63.5% | 28.8% | 5.9% | 1.8% | | | |
| Other | 62.3% | 31.9% | 4.7% | 1.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 OTHER STATE DEPARTMENTS/AGENCIES

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BRIDGEWATER STATE UNIVERSITY POLICE DEPARTMENT

| | | | | | | | | |
|---|-------------------------|--------------|---------------------|--|--------------------------------------|--------------|--------------|--------------|
| Total Citations ¹ : 113 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
| | Intown motorist: | | N/A | Citations per 1000 | | | | |
| | Passing through: | | N/A | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 109) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 26.16 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 29.9% | | | | Female N/A | | | | |
| Male 70.1% | | | | Male N/A | | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 0.0% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 19.3% | | | AA/Black N/A | | | | | |
| Hispanic 13.8% | | | Hispanic N/A | | | | | |
| White 63.3% | | | White N/A | | | | | |
| Other 3.7% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 19.3% | N/A | N/A | | AA/Black | 19.3% | 14.4% | 4.9% |
| Hispanic | 13.8% | N/A | N/A | | Hispanic | 13.8% | 14.5% | -0.7% |
| White | 63.3% | N/A | N/A | | White | 63.3% | 66.4% | -3.1% |
| Other | 3.7% | N/A | N/A | | Other | 3.7% | 4.6% | -0.9% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | | Race | N | Daylight | Darkness |
| NW | 35 | 27.8% | 45.5% | | NW | N/A | N/A | N/A |
| White | 63 | 72.2% | 54.5% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .069 | not sig. | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .574 | not sig. | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 45.5% | 31.8% | 22.7% | 0.0% | NW | 0 | N/A | |
| Hispanic | 68.8% | 18.8% | 12.5% | 0.0% | White | 0 | N/A | |
| White | 76.1% | 15.5% | 7.0% | 1.4% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .280 | | not sig. | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS ENVIRONMENTAL POLICE

| Total Citations ¹ : 715 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 667) | | | | ITP Stops ³ (N = 237) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.08 | | | | 33.32 | | | |
| Gender % | | | | Gender % | | | |
| Female 16.3% | | | | Female 15.3% | | | |
| Male 83.7% | | | | Male 84.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.6% | | | | Race % Mis/Unk ⁴ 4.6% | | | |
| AA/Black 7.5% | | | | AA/Black 8.8% | | | |
| Hispanic 8.6% | | | | Hispanic 6.2% | | | |
| White 83.3% | | | | White 84.5% | | | |
| Other 0.5% | | | | Other 0.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.5% | N/A | N/A | AA/Black | 7.5% | 14.4% | -6.9% |
| Hispanic | 8.6% | N/A | N/A | Hispanic | 8.6% | 14.5% | -5.9% |
| White | 83.3% | N/A | N/A | White | 83.3% | 66.4% | 16.9% |
| Other | 0.5% | N/A | N/A | Other | 0.5% | 4.6% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 97 | 16.3% | 19.4% | NW | 31 | 15.2% | 17.7% |
| White | 481 | 83.8% | 80.6% | White | 163 | 84.8% | 82.3% |
| Chi-square, X-tab ⁶ : .449 not sig. | | | | Chi-square, X-tab ⁶ : .646 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .719 not sig. | | | | Odds ratio Exp(B) ⁷ : .504 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 31.4% | 49.0% | 17.6% | 2.0% | NW | 0 | N/A |
| Hispanic | 24.6% | 70.2% | 5.3% | 0.0% | White | 7 | N/A |
| White | 34.5% | 60.1% | 4.7% | 0.7% | | | |
| Other | 0.0% | 66.7% | 33.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .005* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MBTA POLICE

| | | | | | | | |
|---|-------------------------|----------------------|--------------|--|--------------|----------------------|---------------|
| Total Citations ¹ : 204 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | |
| | Intown motorist: | | N/A | Citations per 1000 | | | |
| | Passing through: | | N/A | 18 + residents: N/A | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |
| All Stops² (N = 178) | | | | ITP Stops³ (N = N/A) | | | |
| Mean age | | | | Mean age | | | |
| 41.01 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female | | 29.0% | | Female | | N/A | |
| Male | | 71.0% | | Male | | N/A | |
| Non-binary | | 0.0% | | Non-binary | | N/A | |
| Race | % | Mis/Unk ⁴ | 10.1% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | | 30.0% | | AA/Black | | N/A | |
| Hispanic | | 20.0% | | Hispanic | | N/A | |
| White | | 42.5% | | White | | N/A | |
| Other | | 7.5% | | Other | | N/A | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | |
| Comparative Analyses | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average⁵ | | | |
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | %Dif |
| AA/Black | 30.0% | N/A | N/A | AA/Black | 30.0% | 14.4% | 15.6% |
| Hispanic | 20.0% | N/A | N/A | Hispanic | 20.0% | 14.5% | 5.5% |
| White | 42.5% | N/A | N/A | White | 42.5% | 66.4% | -23.9% |
| Other | 7.5% | N/A | N/A | Other | 7.5% | 4.6% | 2.9% |
| ⁵ State average represents racial/ethnic breakdown of all 2021 stops by all MA departments | | | | | | | |
| VoD Analyses | | | | | | | |
| All Stops² | | | | ITP Stops³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 73 | 59.8% | 60.0% | NW | N/A | N/A | N/A |
| White | 49 | 40.2% | 40.0% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .985 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.016 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | |
| Citation Outcomes by Race⁸ | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 24.1% | 46.3% | 27.8% | 1.9% | NW | 3 | N/A |
| Hispanic | 10.0% | 47.5% | 30.0% | 12.5% | White | 0 | N/A |
| White | 26.9% | 33.3% | 30.8% | 9.0% | | | |
| Other | 50.0% | 42.9% | 7.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .049* sig. | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | |

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

UNIVERSITY OF MASSACHUSETTS AMHERST POLICE DEPARTMENT

| Total Citations ¹ : 1,034 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,002) | | | | ITP Stops ³ (N = 440) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 28.08 | | | | 27.47 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.3% | | | | Female 40.9% | | | |
| Male 58.6% | | | | Male 59.1% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 0.9% | | | |
| AA/Black 8.0% | | | | AA/Black 7.3% | | | |
| Hispanic 4.7% | | | | Hispanic 3.4% | | | |
| White 76.5% | | | | White 76.4% | | | |
| Other 10.8% | | | | Other 12.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.0% | N/A | N/A | AA/Black | 8.0% | 14.4% | -6.4% |
| Hispanic | 4.7% | N/A | N/A | Hispanic | 4.7% | 14.5% | -9.8% |
| White | 76.5% | N/A | N/A | White | 76.5% | 66.4% | 10.1% |
| Other | 10.8% | N/A | N/A | Other | 10.8% | 4.6% | 6.2% |

⁵State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 222 | 22.5% | 27.3% | NW | 95 | 25.3% | 21.3% |
| White | 703 | 77.5% | 72.7% | White | 302 | 74.7% | 78.7% |
| Chi-square, X-tab ⁶ : | | .109 | not sig. | Chi-square, X-tab ⁶ : | | .380 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .818 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.178 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.5% | 27.2% | 11.1% | 1.2% | NW | 0 | N/A |
| Hispanic | 59.6% | 27.7% | 12.8% | 0.0% | White | 3 | N/A |
| White | 70.6% | 25.2% | 3.9% | 0.4% | | | |
| Other | 60.9% | 28.2% | 9.1% | 1.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .006* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

UNIVERSITY OF MASSACHUSETTS BOSTON POLICE DEPARTMENT

| Total Citations ¹ : 115 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 114) | | | | ITP Stops ³ (N = 58) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 31.34 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 19.3% | | | | Female N/A | | | |
| Male 80.7% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 19.3% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 54.3% | | | | AA/Black N/A | | | |
| Hispanic 4.3% | | | | Hispanic N/A | | | |
| White 38.0% | | | | White N/A | | | |
| Other 3.3% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 54.3% | N/A | N/A | AA/Black | 54.3% | 14.4% | 39.9% |
| Hispanic | 4.3% | N/A | N/A | Hispanic | 4.3% | 14.5% | -10.2% |
| White | 38.0% | N/A | N/A | White | 38.0% | 66.4% | -28.4% |
| Other | 3.3% | N/A | N/A | Other | 3.3% | 4.6% | -1.3% |

⁵State average represents racial/ethnic breakdown of *all* 2021 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|----|--------------|-----------------|----------------------------------|-----|------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 43 | 54.3% | 66.7% | NW | N/A | N/A | N/A |
| White | 30 | 45.7% | 33.3% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .302 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .547 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-----------------|-------------|-------|----------|------------|
| AA/Black | 7.8% | 33.3% | 58.8% | 0.0% | NW | 0 | N/A |
| Hispanic | 25.0% | 25.0% | 50.0% | 0.0% | White | 0 | N/A |
| White | 11.4% | 60.0% | 28.6% | 0.0% | | | |
| Other | 0.0% | 66.7% | 33.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .133 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MUNICIPAL POLICE DEPARTMENTS

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ABINGTON POLICE DEPARTMENT

| Total Citations ¹ : 675 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 22.0% | Citations per 1000 | |
| | Passing through: | 78.0% | 18 + residents: | 50.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 431) | | | | ITP Stops ³ (N = 155) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.68 | | | | 32.99 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.0% | | | | Female 26.0% | | | |
| Male 66.0% | | | | Male 74.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 20.9% | | | | AA/Black 24.0% | | | |
| Hispanic 2.6% | | | | Hispanic 1.3% | | | |
| White 75.5% | | | | White 74.0% | | | |
| Other 0.9% | | | | Other 0.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 20.9% | 2.0% | 18.9% | AA/Black | 20.9% | 14.5% | 6.4% |
| Hispanic | 2.6% | 2.6% | 0.0% | Hispanic | 2.6% | 15.2% | -12.6% |
| White | 75.5% | 88.2% | -12.7% | White | 75.5% | 65.1% | 10.4% |
| Other | 0.9% | 6.4% | -5.5% | Other | 0.9% | 5.2% | -4.3% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 88 | 20.2% | 31.4% | NW | 35 | 24.7% | 28.8% |
| White | 282 | 79.8% | 68.6% | White | 98 | 75.3% | 71.2% |
| Chi-square, X-tab ⁶ : .019* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .595 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .544* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .713 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 37.0% | 13.4% | 38.6% | 11.0% | NW | 0 | N/A |
| Hispanic | 28.6% | 21.4% | 50.0% | 0.0% | White | 3 | N/A |
| White | 39.4% | 17.9% | 34.4% | 8.3% | | | |
| Other | 33.3% | 0.0% | 66.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .480 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ACTON POLICE DEPARTMENT

| Total Citations ¹ : 1,596 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 24.7% | Citations per 1000 | |
| | Passing through: | 75.3% | 18 + residents: | 89.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,535) | | | | ITP Stops ³ (N = 586) | | | |
|--|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.15 | | | | 38.89 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.4% | | | | Female 32.8% | | | |
| Male 64.6% | | | | Male 67.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 14.3% | | | | Race % Mis/Unk ⁴ 8.5% | | | |
| AA/Black 8.7% | | | | AA/Black 9.1% | | | |
| Hispanic 12.8% | | | | Hispanic 16.8% | | | |
| White 69.4% | | | | White 63.1% | | | |
| Other 9.1% | | | | Other 11.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.7% | 1.5% | 7.2% | AA/Black | 8.7% | 14.5% | -5.8% |
| Hispanic | 12.8% | 3.5% | 9.3% | Hispanic | 12.8% | 15.2% | -2.4% |
| White | 69.4% | 66.1% | 3.3% | White | 69.4% | 65.1% | 4.3% |
| Other | 9.1% | 29.1% | -20.0% | Other | 9.1% | 5.2% | 3.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 367 | 25.0% | 43.1% | NW | 173 | 32.6% | 40.4% |
| White | 858 | 75.0% | 56.9% | White | 319 | 67.4% | 59.6% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .091 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .460* | sig. | Odds ratio Exp(B) ⁷ : | | .698 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 47.9% | 15.1% | 36.1% | 0.8% | NW | 1 | N/A |
| Hispanic | 21.8% | 14.4% | 62.1% | 1.7% | White | 11 | N/A |
| White | 58.7% | 24.3% | 14.3% | 2.7% | | | |
| Other | 64.0% | 23.2% | 12.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ACUSHNET POLICE DEPARTMENT

| Total Citations ¹ : 131 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 38.0% | Citations per 1000 | |
| | Passing through: | 62.0% | 18 + residents: | 14.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 100) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.88 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 28.0% | | | | Female N/A | | | |
| Male 72.0% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 3.0% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 18.6% | | | | AA/Black N/A | | | |
| Hispanic 5.2% | | | | Hispanic N/A | | | |
| White 76.3% | | | | White N/A | | | |
| Other 0.0% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 18.6% | 0.1% | 18.5% | AA/Black | 18.6% | 14.5% | 4.1% |
| Hispanic | 5.2% | 3.4% | 1.8% | Hispanic | 5.2% | 15.2% | -10.0% |
| White | 76.3% | 88.0% | -11.7% | White | 76.3% | 65.1% | 11.2% |
| Other | 0.0% | 4.7% | -4.7% | Other | 0.0% | 5.2% | -5.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|--|----|--------------|--------------|--|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 23 | 30.8% | 22.9% | NW | N/A | N/A | N/A |
| White | 64 | 69.2% | 77.1% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .409 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : 1.520 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|-------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 18.2% | 9.1% | 63.6% | 9.1% | NW | 0 | N/A |
| Hispanic | 0.0% | 0.0% | 60.0% | 40.0% | White | 0 | N/A |
| White | 38.6% | 9.9% | 42.6% | 8.9% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .090 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ADAMS POLICE DEPARTMENT

| Total Citations ¹ : 335 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 37.8% | Citations per 1000 | |
| | Passing through: | 62.2% | 18 + residents: | 50.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 286) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.66 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 40.1% | | | | Female N/A | | | |
| Male 59.9% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.8% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 9.4% | | | | AA/Black N/A | | | |
| Hispanic 3.2% | | | | Hispanic N/A | | | |
| White 86.7% | | | | White N/A | | | |
| Other 0.7% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.4% | 0.9% | 8.5% | AA/Black | 9.4% | 14.5% | -5.1% |
| Hispanic | 3.2% | 1.5% | 1.7% | Hispanic | 3.2% | 15.2% | -12.0% |
| White | 86.7% | 95.4% | -8.7% | White | 86.7% | 65.1% | 21.6% |
| Other | 0.7% | 2.3% | -1.6% | Other | 0.7% | 5.2% | -4.5% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 34 | 10.3% | 20.3% | NW | N/A | N/A | N/A |
| White | 230 | 89.7% | 79.7% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .032 * | sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .447 * | sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|----------|----------|------------|
| AA/Black | 28.6% | 35.7% | 35.7% | 0.0% | NW | 0 | N/A |
| Hispanic | 66.7% | 33.3% | 0.0% | 0.0% | White | 1 | N/A |
| White | 51.2% | 22.0% | 23.0% | 3.8% | | | |
| Other | 50.0% | 50.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .207 | not sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

AGAWAM POLICE DEPARTMENT

| Total Citations ¹ : 1,132 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 29.4% | Citations per 1000 | |
| | Passing through: | 70.6% | 18 + residents: | 47.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,025) | | | | ITP Stops ³ (N = 549) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.2 | | | | 36.55 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.9% | | | | Female 32.4% | | | |
| Male 68.1% | | | | Male 67.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 7.5% | | | | AA/Black 5.5% | | | |
| Hispanic 14.3% | | | | Hispanic 11.3% | | | |
| White 75.2% | | | | White 79.6% | | | |
| Other 3.0% | | | | Other 3.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.5% | 2.2% | 5.3% | AA/Black | 7.5% | 14.5% | -7.0% |
| Hispanic | 14.3% | 5.4% | 8.9% | Hispanic | 14.3% | 15.2% | -0.9% |
| White | 75.2% | 88.9% | -13.7% | White | 75.2% | 65.1% | 10.1% |
| Other | 3.0% | 4.1% | -1.1% | Other | 3.0% | 5.2% | -2.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 239 | 19.3% | 31.4% | NW | 102 | 19.3% | 23.8% |
| White | 694 | 80.7% | 68.6% | White | 389 | 80.7% | 76.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .258 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .553* sig. | | | | Odds ratio Exp(B) ⁷ : .740 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 51.7% | 6.7% | 39.3% | 2.2% | NW | 2 | N/A |
| Hispanic | 66.9% | 4.3% | 23.9% | 4.9% | White | 1 | N/A |
| White | 76.6% | 5.0% | 12.7% | 5.6% | | | |
| Other | 90.6% | 3.1% | 6.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

AMESBURY POLICE DEPARTMENT

| Total Citations ¹ : 2,210 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 32.1% | Citations per 1000 | |
| | Passing through: | 67.9% | 18 + residents: | 157 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,161) | | | | ITP Stops ³ (N = 1,113) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.92 | | | | 40.63 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.8% | | | | Female 42.9% | | | |
| Male 57.1% | | | | Male 57.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 0.9% | | | |
| AA/Black 4.3% | | | | AA/Black 3.4% | | | |
| Hispanic 6.8% | | | | Hispanic 7.4% | | | |
| White 87.0% | | | | White 87.1% | | | |
| Other 1.8% | | | | Other 2.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.3% | 0.6% | 3.7% | AA/Black | 4.3% | 14.5% | -10.2% |
| Hispanic | 6.8% | 2.5% | 4.3% | Hispanic | 6.8% | 15.2% | -8.4% |
| White | 87.0% | 93.8% | -6.8% | White | 87.0% | 65.1% | 21.9% |
| Other | 1.8% | 3.3% | -1.5% | Other | 1.8% | 5.2% | -3.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 257 | 9.6% | 17.6% | NW | 122 | 11.2% | 14.1% |
| White | 1,737 | 90.4% | 82.4% | White | 872 | 88.8% | 85.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .172 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .468* sig. | | | | Odds ratio Exp(B) ⁷ : .551* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 51.6% | 9.7% | 33.3% | 5.4% | NW | 1 | N/A |
| Hispanic | 53.1% | 8.2% | 34.7% | 4.1% | White | 1 | N/A |
| White | 69.8% | 12.3% | 14.8% | 3.0% | | | |
| Other | 84.6% | 5.1% | 5.1% | 5.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

AMHERST POLICE DEPARTMENT

| Total Citations ¹ : 1,418 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 27.8% | Citations per 1000 | |
| | Passing through: | 72.2% | 18 + residents: | 39.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,283) | | | | ITP Stops ³ (N = 512) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.7 | | | | 34.7 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.6% | | | | Female 44.7% | | | |
| Male 57.2% | | | | Male 54.9% | | | |
| Non-binary 0.2% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 11.6% | | | | AA/Black 11.4% | | | |
| Hispanic 3.6% | | | | Hispanic 2.6% | | | |
| White 78.0% | | | | White 78.5% | | | |
| Other 6.7% | | | | Other 7.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.6% | 5.3% | 6.3% | AA/Black | 11.6% | 14.5% | -2.9% |
| Hispanic | 3.6% | 7.5% | -3.9% | Hispanic | 3.6% | 15.2% | -11.6% |
| White | 78.0% | 69.4% | 8.6% | White | 78.0% | 65.1% | 12.9% |
| Other | 6.7% | 19.1% | -12.4% | Other | 6.7% | 5.2% | 1.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 268 | 18.0% | 32.5% | NW | 102 | 20.8% | 22.4% |
| White | 945 | 82.0% | 67.5% | White | 380 | 79.2% | 77.6% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .727 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .523* | sig. | Odds ratio Exp(B) ⁷ : | | .846 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 56.0% | 3.0% | 28.0% | 13.1% | NW | 22 | N/A |
| Hispanic | 32.1% | 1.8% | 25.0% | 41.1% | White | 32 | N/A |
| White | 78.7% | 4.3% | 9.5% | 7.5% | | | |
| Other | 82.4% | 6.6% | 6.6% | 4.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ANDOVER POLICE DEPARTMENT

| Total Citations ¹ : 1,395 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 25.9% | Citations per 1000 | |
| | Passing through: | 74.1% | 18 + residents: | 50.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,165) | | | | ITP Stops ³ (N = 252) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.5 | | | | 36.82 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.2% | | | | Female 36.5% | | | |
| Male 57.6% | | | | Male 63.1% | | | |
| Non-binary 0.2% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 2.8% | | | |
| AA/Black 6.4% | | | | AA/Black 9.0% | | | |
| Hispanic 26.5% | | | | Hispanic 31.0% | | | |
| White 60.0% | | | | White 53.9% | | | |
| Other 7.1% | | | | Other 6.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.4% | 2.7% | 3.7% | AA/Black | 6.4% | 14.5% | -8.1% |
| Hispanic | 26.5% | 4.9% | 21.6% | Hispanic | 26.5% | 15.2% | 11.3% |
| White | 60.0% | 75.8% | -15.8% | White | 60.0% | 65.1% | -5.1% |
| Other | 7.1% | 16.9% | -9.8% | Other | 7.1% | 5.2% | 1.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 439 | 37.7% | 47.4% | NW | 104 | 48.0% | 41.3% |
| White | 662 | 62.3% | 52.6% | White | 124 | 52.0% | 58.8% |
| Chi-square, X-tab ⁶ : .006* sig. | | | | Chi-square, X-tab ⁶ : .331 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .672* sig. | | | | Odds ratio Exp(B) ⁷ : 1.157 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.2% | 15.1% | 22.6% | 2.2% | NW | 3 | N/A |
| Hispanic | 55.6% | 25.3% | 16.2% | 2.9% | White | 4 | N/A |
| White | 74.1% | 16.8% | 7.2% | 1.9% | | | |
| Other | 82.5% | 16.5% | 0.0% | 1.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ARLINGTON POLICE DEPARTMENT

| Total Citations ¹ : 1,314 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 43.7% | Citations per 1000 | |
| | Passing through: | 56.3% | 18 + residents: | 36.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,210) | | | | ITP Stops ³ (N = 816) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.73 | | | | 44.12 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.5% | | | | Female 41.4% | | | |
| Male 58.5% | | | | Male 58.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.2% | | | | Race % Mis/Unk ⁴ 4.8% | | | |
| AA/Black 8.5% | | | | AA/Black 6.0% | | | |
| Hispanic 7.1% | | | | Hispanic 7.6% | | | |
| White 71.9% | | | | White 73.2% | | | |
| Other 12.5% | | | | Other 13.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.5% | 3.1% | 5.4% | AA/Black | 8.5% | 14.5% | -6.0% |
| Hispanic | 7.1% | 4.9% | 2.2% | Hispanic | 7.1% | 15.2% | -8.1% |
| White | 71.9% | 75.8% | -3.9% | White | 71.9% | 65.1% | 6.8% |
| Other | 12.5% | 16.2% | -3.7% | Other | 12.5% | 5.2% | 7.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 302 | 27.2% | 30.6% | NW | 194 | 27.3% | 25.7% |
| White | 770 | 72.8% | 69.4% | White | 529 | 72.7% | 74.3% |
| Chi-square, X-tab ⁶ : .275 not sig. | | | | Chi-square, X-tab ⁶ : .668 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .816 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.052 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 79.1% | 6.4% | 10.9% | 3.6% | NW | 2 | N/A |
| Hispanic | 71.3% | 5.7% | 19.5% | 3.4% | White | 3 | N/A |
| White | 91.1% | 4.5% | 4.3% | 0.2% | | | |
| Other | 95.4% | 3.9% | 0.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ASHBURNHAM POLICE DEPARTMENT

| Total Citations ¹ : 523 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 26.9% | Citations per 1000 | |
| | Passing through: | 73.1% | 18 + residents: | 109.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 509) | | | | ITP Stops ³ (N = 197) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.03 | | | | 36.52 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.4% | | | | Female 33.2% | | | |
| Male 62.6% | | | | Male 66.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 2.0% | | | |
| AA/Black 4.0% | | | | AA/Black 4.1% | | | |
| Hispanic 4.4% | | | | Hispanic 4.1% | | | |
| White 90.8% | | | | White 90.7% | | | |
| Other 0.8% | | | | Other 1.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.0% | 1.1% | 2.9% | AA/Black | 4.0% | 14.5% | -10.5% |
| Hispanic | 4.4% | 1.7% | 2.7% | Hispanic | 4.4% | 15.2% | -10.8% |
| White | 90.8% | 95.9% | -5.1% | White | 90.8% | 65.1% | 25.7% |
| Other | 0.8% | 1.5% | -0.7% | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 44 | 6.5% | 18.9% | NW | 17 | 6.1% | 16.4% |
| White | 434 | 93.5% | 81.1% | White | 159 | 93.9% | 83.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .028* sig. | | | |
| Odds ratio Exp(B) ⁷ : .260* sig. | | | | Odds ratio Exp(B) ⁷ : .374 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.0% | 25.0% | 15.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 45.5% | 31.8% | 22.7% | 0.0% | White | 0 | N/A |
| White | 61.1% | 30.4% | 7.7% | 0.9% | | | |
| Other | 75.0% | 25.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .479 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ASHBY POLICE DEPARTMENT

| Total Citations ¹ : 318 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 12.0% | Citations per 1000 | |
| | Passing through: | 88.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 300) | | | | ITP Stops ³ (N = 157) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.74 | | | | 34.07 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.0% | | | | Female 31.8% | | | |
| Male 62.7% | | | | Male 67.5% | | | |
| Non-binary 0.3% | | | | Non-binary 0.6% | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ 1.9% | | | |
| AA/Black 3.1% | | | | AA/Black 2.6% | | | |
| Hispanic 9.5% | | | | Hispanic 11.7% | | | |
| White 86.1% | | | | White 84.4% | | | |
| Other 1.4% | | | | Other 1.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.1% | N/A | N/A | AA/Black | 3.1% | 14.5% | -11.4% |
| Hispanic | 9.5% | N/A | N/A | Hispanic | 9.5% | 15.2% | -5.7% |
| White | 86.1% | N/A | N/A | White | 86.1% | 65.1% | 21.0% |
| Other | 1.4% | N/A | N/A | Other | 1.4% | 5.2% | -3.8% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 39 | 12.4% | 20.8% | NW | 22 | 13.1% | 23.7% |
| White | 239 | 87.6% | 79.2% | White | 115 | 86.9% | 76.3% |
| Chi-square, X-tab ⁶ : | | .117 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .132 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .517 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .489 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------------|-------|----------|------------|
| AA/Black | 77.8% | 0.0% | 22.2% | 0.0% | NW | 1 | N/A |
| Hispanic | 57.1% | 7.1% | 35.7% | 0.0% | White | 4 | N/A |
| White | 79.8% | 12.9% | 7.4% | 0.0% | | | |
| Other | 75.0% | 0.0% | 25.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* <i>sig.</i> | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ASHLAND POLICE DEPARTMENT

| Total Citations ¹ : 1,189 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 29.1% | Citations per 1000 | |
| | Passing through: | 70.9% | 18 + residents: | 85.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,150) | | | | ITP Stops ³ (N = 551) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.17 | | | | 35.66 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.4% | | | | Female 32.8% | | | |
| Male 67.6% | | | | Male 67.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.3% | | | | Race % Mis/Unk ⁴ 4.0% | | | |
| AA/Black 5.2% | | | | AA/Black 4.3% | | | |
| Hispanic 13.5% | | | | Hispanic 13.0% | | | |
| White 75.6% | | | | White 77.1% | | | |
| Other 5.7% | | | | Other 5.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.2% | 2.2% | 3.0% | AA/Black | 5.2% | 14.5% | -9.3% |
| Hispanic | 13.5% | 7.0% | 6.5% | Hispanic | 13.5% | 15.2% | -1.7% |
| White | 75.6% | 77.9% | -2.3% | White | 75.6% | 65.1% | 10.5% |
| Other | 5.7% | 13.4% | -7.7% | Other | 5.7% | 5.2% | 0.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 261 | 23.5% | 26.9% | NW | 114 | 20.9% | 28.4% |
| White | 785 | 76.5% | 73.1% | White | 366 | 79.1% | 71.6% |
| Chi-square, X-tab ⁶ : | | .196 | not sig. | Chi-square, X-tab ⁶ : | | .059 | not sig. |
| Odds ratio Exp(B) ⁷ : | | 1.018 | not sig. | Odds ratio Exp(B) ⁷ : | | .886 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 67.2% | 11.5% | 13.1% | 8.2% | NW | 0 | N/A |
| Hispanic | 55.2% | 22.1% | 15.6% | 7.1% | White | 0 | N/A |
| White | 74.9% | 12.3% | 8.6% | 4.2% | | | |
| Other | 76.1% | 11.9% | 3.0% | 9.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ATHOL POLICE DEPARTMENT

| Total Citations ¹ : 340 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 43.5% | Citations per 1000 | |
| | Passing through: | 56.5% | 18 + residents: | 36.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 271) | | | | ITP Stops ³ (N = 120) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.48 | | | | 36.72 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.5% | | | | Female 33.1% | | | |
| Male 60.5% | | | | Male 66.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.4% | | | | Race % Mis/Unk ⁴ 7.5% | | | |
| AA/Black 5.2% | | | | AA/Black 2.7% | | | |
| Hispanic 3.6% | | | | Hispanic 1.8% | | | |
| White 90.4% | | | | White 93.7% | | | |
| Other 0.8% | | | | Other 1.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.2% | 1.1% | 4.1% | AA/Black | 5.2% | 14.5% | -9.3% |
| Hispanic | 3.6% | 5.4% | -1.8% | Hispanic | 3.6% | 15.2% | -11.6% |
| White | 90.4% | 90.1% | 0.3% | White | 90.4% | 65.1% | 25.3% |
| Other | 0.8% | 3.6% | -2.8% | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 22 | 8.4% | 12.5% | NW | N/A | N/A | N/A |
| White | 201 | 91.6% | 87.5% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .324 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .393 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------------|----------|------------|
| AA/Black | 37.5% | 6.3% | 37.5% | 18.8% | NW | 3 | N/A |
| Hispanic | 20.0% | 40.0% | 30.0% | 10.0% | White | 2 | N/A |
| White | 58.8% | 13.1% | 22.1% | 5.9% | | | |
| Other | 50.0% | 0.0% | 0.0% | 50.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .012* | <i>sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ATTLEBORO POLICE DEPARTMENT

| Total Citations ¹ : 4,522 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 42.5% | Citations per 1000 | |
| | Passing through: | 57.5% | 18 + residents: | 127.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,871) | | | | ITP Stops ³ (N = 479) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.17 | | | | 35.52 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.5% | | | | Female 36.0% | | | |
| Male 57.5% | | | | Male 64.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.2% | | | | Race % Mis/Unk ⁴ 0.2% | | | |
| AA/Black 12.5% | | | | AA/Black 15.3% | | | |
| Hispanic 10.7% | | | | Hispanic 12.1% | | | |
| White 72.2% | | | | White 68.6% | | | |
| Other 4.6% | | | | Other 4.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.5% | 4.4% | 8.1% | AA/Black | 12.5% | 14.5% | -2.0% |
| Hispanic | 10.7% | 6.6% | 4.1% | Hispanic | 10.7% | 15.2% | -4.5% |
| White | 72.2% | 83.2% | -11.0% | White | 72.2% | 65.1% | 7.1% |
| Other | 4.6% | 6.1% | -1.5% | Other | 4.6% | 5.2% | -0.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,060 | 26.9% | 37.9% | NW | 138 | 30.1% | 34.3% |
| White | 2,746 | 73.1% | 62.1% | White | 297 | 69.9% | 65.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .354 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .597* sig. | | | | Odds ratio Exp(B) ⁷ : .621 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 57.1% | 23.6% | 17.9% | 1.4% | NW | 1 | N/A |
| Hispanic | 55.1% | 28.6% | 15.0% | 1.2% | White | 4 | N/A |
| White | 71.7% | 19.8% | 7.6% | 0.9% | | | |
| Other | 72.6% | 24.5% | 2.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

AUBURN POLICE DEPARTMENT

| Total Citations ¹ : 1,546 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 13.3% | Citations per 1000 | |
| | Passing through: | 86.7% | 18 + residents: | 115.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,493) | | | | ITP Stops ³ (N = 384) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.32 | | | | 37.19 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.7% | | | | Female 32.3% | | | |
| Male 62.3% | | | | Male 67.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.0% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 8.3% | | | | AA/Black 7.4% | | | |
| Hispanic 9.3% | | | | Hispanic 12.2% | | | |
| White 79.9% | | | | White 78.0% | | | |
| Other 2.5% | | | | Other 2.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.3% | 0.9% | 7.4% | AA/Black | 8.3% | 14.5% | -6.2% |
| Hispanic | 9.3% | 4.6% | 4.7% | Hispanic | 9.3% | 15.2% | -5.9% |
| White | 79.9% | 91.5% | -11.6% | White | 79.9% | 65.1% | 14.8% |
| Other | 2.5% | 3.5% | -1.0% | Other | 2.5% | 5.2% | -2.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 283 | 19.1% | 23.9% | NW | 78 | 20.0% | 26.1% |
| White | 1,129 | 80.9% | 76.1% | White | 269 | 80.0% | 73.9% |
| Chi-square, X-tab ⁶ : | | .066 | not sig. | Chi-square, X-tab ⁶ : | | .184 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .702* | sig. | Odds ratio Exp(B) ⁷ : | | .664 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 68.5% | 20.2% | 8.9% | 2.4% | NW | 3 | N/A |
| Hispanic | 63.4% | 13.8% | 15.9% | 6.9% | White | 2 | N/A |
| White | 71.0% | 17.5% | 6.9% | 4.6% | | | |
| Other | 81.1% | 16.2% | 0.0% | 2.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .006* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

AVON POLICE DEPARTMENT

| Total Citations ¹ : 578 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 4.0% | Citations per 1000 | |
| | Passing through: | 96.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 573) | | | | ITP Stops ³ (N = 218) | | | |
|----------------------------------|----------------------|--------------|--|----------------------------------|----------------------|--------------|--|
| Mean age | | | | Mean age | | | |
| 36.9 | | | | 37.8 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.3% | | | | Female 36.6% | | | |
| Male 64.7% | | | | Male 63.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % | Mis/Unk ⁴ | 52.2% | | Race % | Mis/Unk ⁴ | 44.5% | |
| AA/Black 57.7% | | | | AA/Black 59.5% | | | |
| Hispanic 16.4% | | | | Hispanic 16.5% | | | |
| White 24.8% | | | | White 23.1% | | | |
| Other 1.1% | | | | Other 0.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 57.7% | N/A | N/A | AA/Black | 57.7% | 14.5% | 43.2% |
| Hispanic | 16.4% | N/A | N/A | Hispanic | 16.4% | 15.2% | 1.2% |
| White | 24.8% | N/A | N/A | White | 24.8% | 65.1% | -40.3% |
| Other | 1.1% | N/A | N/A | Other | 1.1% | 5.2% | -4.1% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 191 | 72.2% | 80.3% | NW | 78 | 77.5% | 69.6% |
| White | 65 | 27.8% | 19.7% | White | 25 | 22.5% | 30.4% |
| Chi-square, X-tab ⁶ : .177 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .434 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .611 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.487 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 86.2% | 8.8% | 5.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 80.4% | 6.5% | 13.0% | 0.0% | White | 0 | N/A |
| White | 77.1% | 8.6% | 10.0% | 4.3% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .123 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

AYER POLICE DEPARTMENT

| Total Citations ¹ : 1,371 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 16.5% | Citations per 1000 | |
| | Passing through: | 83.5% | 18 + residents: | 206.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,326) | | | | ITP Stops ³ (N = 338) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.4 | | | | 37.18 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.5% | | | | Female 31.3% | | | |
| Male 69.5% | | | | Male 68.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.7% | | | | Race % Mis/Unk ⁴ 2.4% | | | |
| AA/Black 8.4% | | | | AA/Black 10.3% | | | |
| Hispanic 8.6% | | | | Hispanic 9.1% | | | |
| White 78.4% | | | | White 73.9% | | | |
| Other 4.6% | | | | Other 6.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.4% | 4.3% | 4.1% | AA/Black | 8.4% | 14.5% | -6.1% |
| Hispanic | 8.6% | 5.7% | 2.9% | Hispanic | 8.6% | 15.2% | -6.6% |
| White | 78.4% | 82.4% | -4.0% | White | 78.4% | 65.1% | 13.3% |
| Other | 4.6% | 7.5% | -2.9% | Other | 4.6% | 5.2% | -0.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 250 | 19.9% | 25.8% | NW | 75 | 28.1% | 23.2% |
| White | 909 | 80.1% | 74.2% | White | 216 | 71.9% | 76.8% |
| Chi-square, X-tab ⁶ : .027* sig. | | | | Chi-square, X-tab ⁶ : .338 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .654* sig. | | | | Odds ratio Exp(B) ⁷ : 1.123 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.2% | 17.7% | 16.8% | 5.3% | NW | 2 | N/A |
| Hispanic | 57.4% | 21.3% | 15.7% | 5.6% | White | 6 | N/A |
| White | 71.0% | 18.8% | 7.6% | 2.6% | | | |
| Other | 81.0% | 17.2% | 1.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BARNSTABLE POLICE DEPARTMENT

| Total Citations ¹ : 3,588 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 4.0% | Citations per 1000 | |
| | Passing through: | 96.0% | 18 + residents: | 97.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,279) | | | | ITP Stops ³ (N = 995) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.59 | | | | 39.17 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.6% | | | | Female 38.1% | | | |
| Male 62.4% | | | | Male 61.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 6.3% | | | | Race % Mis/Unk ⁴ 5.4% | | | |
| AA/Black 9.5% | | | | AA/Black 9.8% | | | |
| Hispanic 6.7% | | | | Hispanic 6.4% | | | |
| White 82.7% | | | | White 82.8% | | | |
| Other 1.1% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.5% | 5.8% | 3.7% | AA/Black | 9.5% | 14.5% | -5.0% |
| Hispanic | 6.7% | 5.9% | 0.8% | Hispanic | 6.7% | 15.2% | -8.5% |
| White | 82.7% | 84.3% | -1.6% | White | 82.7% | 65.1% | 17.6% |
| Other | 1.1% | 3.1% | -2.0% | Other | 1.1% | 5.2% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 519 | 16.2% | 24.5% | NW | 155 | 17.3% | 18.9% |
| White | 2,477 | 83.8% | 75.5% | White | 732 | 82.7% | 81.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .668 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .639* sig. | | | | Odds ratio Exp(B) ⁷ : .576 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 53.8% | 17.7% | 24.6% | 3.9% | NW | 2 | N/A |
| Hispanic | 30.2% | 26.7% | 39.2% | 3.9% | White | 12 | N/A |
| White | 68.0% | 14.4% | 13.9% | 3.7% | | | |
| Other | 57.1% | 28.6% | 11.4% | 2.9% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BARRE POLICE DEPARTMENT

| Total Citations ¹ : 642 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 26.8% | Citations per 1000 | |
| | Passing through: | 73.2% | 18 + residents: | 143.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 631) | | | | ITP Stops ³ (N = 270) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.09 | | | | 36.32 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.2% | | | | Female 30.3% | | | |
| Male 69.8% | | | | Male 69.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ 2.2% | | | |
| AA/Black 5.3% | | | | AA/Black 2.3% | | | |
| Hispanic 7.6% | | | | Hispanic 7.6% | | | |
| White 85.5% | | | | White 88.6% | | | |
| Other 1.6% | | | | Other 1.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.3% | 2.2% | 3.1% | AA/Black | 5.3% | 14.5% | -9.2% |
| Hispanic | 7.6% | 2.4% | 5.2% | Hispanic | 7.6% | 15.2% | -7.6% |
| White | 85.5% | 93.8% | -8.3% | White | 85.5% | 65.1% | 20.4% |
| Other | 1.6% | 3.1% | -1.5% | Other | 1.6% | 5.2% | -3.6% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 84 | 15.3% | 13.8% | NW | 24 | 12.4% | 9.1% |
| White | 496 | 84.7% | 86.2% | White | 202 | 87.6% | 90.9% |
| Chi-square, X-tab ⁶ : | | .626 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .423 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .978 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | 1.437 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 44.1% | 14.7% | 35.3% | 5.9% | NW | 1 | N/A |
| Hispanic | 22.9% | 12.5% | 64.6% | 0.0% | White | 0 | N/A |
| White | 56.8% | 10.8% | 24.1% | 8.3% | | | |
| Other | 70.0% | 10.0% | 20.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | <i>sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BECKETT POLICE DEPARTMENT

| Total Citations ¹ : 140 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 20.2% | Citations per 1000 | |
| | Passing through: | 79.8% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 130) | | | | ITP Stops ³ (N = N/A) | | | |
|--|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.91 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 33.6% | | | | Female N/A | | | |
| Male 65.6% | | | | Male N/A | | | |
| Non-binary 0.8% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 14.6% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 2.7% | | | | AA/Black N/A | | | |
| Hispanic 6.3% | | | | Hispanic N/A | | | |
| White 89.2% | | | | White N/A | | | |
| Other 1.8% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.7% | N/A | N/A | AA/Black | 2.7% | 14.5% | -11.8% |
| Hispanic | 6.3% | N/A | N/A | Hispanic | 6.3% | 15.2% | -8.9% |
| White | 89.2% | N/A | N/A | White | 89.2% | 65.1% | 24.1% |
| Other | 1.8% | N/A | N/A | Other | 1.8% | 5.2% | -3.4% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|----------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 0.0% | 75.0% | 25.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 42.9% | 57.1% | 0.0% | 0.0% | White | 1 | N/A |
| White | 53.7% | 28.7% | 15.7% | 1.9% | | | |
| Other | 50.0% | 50.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .493 | not sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BEDFORD POLICE DEPARTMENT

| Total Citations ¹ : 2,076 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 23.3% | Citations per 1000 | |
| | Passing through: | 76.7% | 18 + residents: | 196 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,979) | | | | ITP Stops ³ (N = 846) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.54 | | | | 39.44 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.2% | | | | Female 37.8% | | | |
| Male 59.7% | | | | Male 62.0% | | | |
| Non-binary 0.2% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 3.3% | | | | Race % Mis/Unk ⁴ 3.0% | | | |
| AA/Black 7.7% | | | | AA/Black 7.1% | | | |
| Hispanic 9.1% | | | | Hispanic 9.5% | | | |
| White 65.6% | | | | White 65.2% | | | |
| Other 17.6% | | | | Other 18.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.7% | 4.1% | 3.6% | AA/Black | 7.7% | 14.5% | -6.8% |
| Hispanic | 9.1% | 3.8% | 5.3% | Hispanic | 9.1% | 15.2% | -6.1% |
| White | 65.6% | 74.2% | -8.6% | White | 65.6% | 65.1% | 0.5% |
| Other | 17.6% | 18.4% | -0.8% | Other | 17.6% | 5.2% | 12.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 628 | 32.5% | 39.7% | NW | 256 | 35.4% | 34.1% |
| White | 1,197 | 67.5% | 60.3% | White | 477 | 64.6% | 65.9% |
| Chi-square, X-tab ⁶ : .004* sig. | | | | Chi-square, X-tab ⁶ : .722 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .704* sig. | | | | Odds ratio Exp(B) ⁷ : 1.130 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 72.3% | 10.7% | 17.0% | 0.0% | NW | 1 | N/A |
| Hispanic | 59.1% | 10.5% | 27.1% | 3.3% | White | 1 | N/A |
| White | 84.5% | 9.8% | 3.7% | 2.0% | | | |
| Other | 81.5% | 14.2% | 3.7% | 0.6% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BELCHERTOWN POLICE DEPARTMENT

| Total Citations ¹ : 1,459 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 32.5% | Citations per 1000 | |
| | Passing through: | 67.5% | 18 + residents: | 125 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,414) | | | | ITP Stops ³ (N = 649) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.36 | | | | 35.78 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.9% | | | | Female 37.2% | | | |
| Male 60.1% | | | | Male 62.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.8% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 6.3% | | | | AA/Black 4.5% | | | |
| Hispanic 4.3% | | | | Hispanic 3.6% | | | |
| White 86.4% | | | | White 89.8% | | | |
| Other 3.0% | | | | Other 2.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.3% | 0.6% | 5.7% | AA/Black | 6.3% | 14.5% | -8.2% |
| Hispanic | 4.3% | 1.4% | 2.9% | Hispanic | 4.3% | 15.2% | -10.9% |
| White | 86.4% | 91.9% | -5.5% | White | 86.4% | 65.1% | 21.3% |
| Other | 3.0% | 5.9% | -2.9% | Other | 3.0% | 5.2% | -2.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 179 | 12.7% | 16.0% | NW | 58 | 10.0% | 10.6% |
| White | 1,112 | 87.3% | 84.0% | White | 508 | 90.0% | 89.4% |
| Chi-square, X-tab ⁶ : .100 not sig. | | | | Chi-square, X-tab ⁶ : .805 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .791 not sig. | | | | Odds ratio Exp(B) ⁷ : .904 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 81.3% | 7.7% | 7.7% | 3.3% | NW | 0 | N/A |
| Hispanic | 78.7% | 6.6% | 11.5% | 3.3% | White | 2 | N/A |
| White | 84.9% | 10.2% | 3.5% | 1.4% | | | |
| Other | 81.4% | 7.0% | 9.3% | 2.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .021* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BELLINGHAM POLICE DEPARTMENT

| Total Citations ¹ : 1,185 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 25.7% | Citations per 1000 | |
| | Passing through: | 74.3% | 18 + residents: | 88 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,085) | | | | ITP Stops ³ (N = 350) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.6 | | | | 33.92 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.3% | | | | Female 35.9% | | | |
| Male 62.7% | | | | Male 64.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.3% | | | | Race % Mis/Unk ⁴ 4.0% | | | |
| AA/Black 11.9% | | | | AA/Black 12.5% | | | |
| Hispanic 4.7% | | | | Hispanic 4.5% | | | |
| White 80.4% | | | | White 79.2% | | | |
| Other 2.9% | | | | Other 3.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.9% | 1.9% | 10.0% | AA/Black | 11.9% | 14.5% | -2.6% |
| Hispanic | 4.7% | 4.0% | 0.7% | Hispanic | 4.7% | 15.2% | -10.5% |
| White | 80.4% | 91.4% | -11.0% | White | 80.4% | 65.1% | 15.3% |
| Other | 2.9% | 2.8% | 0.1% | Other | 2.9% | 5.2% | -2.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 191 | 18.5% | 22.7% | NW | 62 | 23.1% | 17.4% |
| White | 778 | 81.5% | 77.3% | White | 239 | 76.9% | 82.6% |
| Chi-square, X-tab ⁶ : | | .143 | not sig. | Chi-square, X-tab ⁶ : | | .229 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .724 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.332 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 43.9% | 31.1% | 23.5% | 1.5% | NW | 2 | N/A |
| Hispanic | 33.9% | 30.4% | 33.9% | 1.8% | White | 0 | N/A |
| White | 47.9% | 34.2% | 14.0% | 3.9% | | | |
| Other | 54.8% | 35.5% | 9.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .002 * | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BELMONT POLICE DEPARTMENT

| Total Citations ¹ : 330 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 22.0% | Citations per 1000 | |
| | Passing through: | 78.0% | 18 + residents: | 16.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 296) | | | | ITP Stops ³ (N = 142) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.88 | | | | 43.64 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.3% | | | | Female 28.1% | | | |
| Male 67.4% | | | | Male 71.9% | | | |
| Non-binary 0.3% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.4% | | | | Race % Mis/Unk ⁴ 4.2% | | | |
| AA/Black 7.0% | | | | AA/Black 5.1% | | | |
| Hispanic 9.1% | | | | Hispanic 5.9% | | | |
| White 62.9% | | | | White 66.2% | | | |
| Other 21.0% | | | | Other 22.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.0% | 1.5% | 5.5% | AA/Black | 7.0% | 14.5% | -7.5% |
| Hispanic | 9.1% | 4.3% | 4.8% | Hispanic | 9.1% | 15.2% | -6.1% |
| White | 62.9% | 73.2% | -10.3% | White | 62.9% | 65.1% | -2.2% |
| Other | 21.0% | 21.3% | -0.3% | Other | 21.0% | 5.2% | 15.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 97 | 34.0% | 45.6% | NW | 37 | 31.0% | 31.3% |
| White | 169 | 66.0% | 54.4% | White | 82 | 69.0% | 68.8% |
| Chi-square, X-tab ⁶ : | | .106 | not sig. | Chi-square, X-tab ⁶ : | | .982 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .602 | not sig. | Odds ratio Exp(B) ⁷ : | | .954 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 69.6% | 13.0% | 13.0% | 4.3% | NW | 0 | N/A |
| Hispanic | 57.1% | 10.7% | 21.4% | 10.7% | White | 1 | N/A |
| White | 85.6% | 5.4% | 7.9% | 1.0% | | | |
| Other | 86.4% | 10.6% | 3.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .001* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BERKLEY POLICE DEPARTMENT

| Total Citations ¹ : 140 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|---------------|-----------------------------------|-----------|
| | Intown motorist: | 0.0% | Citations per 1000 | |
| | Passing through: | 100.0% | 18 + residents: | 27 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 118) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 33.5 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 34.7% | | | | Female N/A | | | |
| Male 65.3% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 9.5% | | | | AA/Black N/A | | | |
| Hispanic 0.0% | | | | Hispanic N/A | | | |
| White 89.7% | | | | White N/A | | | |
| Other 0.9% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.5% | 0.3% | 9.2% | AA/Black | 9.5% | 14.5% | -5.0% |
| Hispanic | 0.0% | 0.1% | -0.1% | Hispanic | 0.0% | 15.2% | -15.2% |
| White | 89.7% | 96.3% | -6.6% | White | 89.7% | 65.1% | 24.6% |
| Other | 0.9% | 1.9% | -1.0% | Other | 0.9% | 5.2% | -4.3% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|---------------|--------------|-------------|-----------------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 33.3% | 20.0% | 40.0% | 6.7% | NW | 0 | N/A |
| Hispanic | 0.0% | 0.0% | 0.0% | 0.0% | White | 0 | N/A |
| White | 30.3% | 35.2% | 26.2% | 8.2% | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .696 | <i>not sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BERLIN POLICE DEPARTMENT

| Total Citations ¹ : 794 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 7.8% | Citations per 1000 | |
| | Passing through: | 92.2% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 761) | | | | ITP Stops ³ (N = 228) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.04 | | | | 36.92 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.2% | | | | Female 44.3% | | | |
| Male 61.8% | | | | Male 55.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.1% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 3.5% | | | | AA/Black 3.6% | | | |
| Hispanic 15.3% | | | | Hispanic 22.7% | | | |
| White 78.8% | | | | White 70.7% | | | |
| Other 2.4% | | | | Other 3.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.5% | N/A | N/A | AA/Black | 3.5% | 14.5% | -11.0% |
| Hispanic | 15.3% | N/A | N/A | Hispanic | 15.3% | 15.2% | 0.1% |
| White | 78.8% | N/A | N/A | White | 78.8% | 65.1% | 13.7% |
| Other | 2.4% | N/A | N/A | Other | 2.4% | 5.2% | -2.8% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 151 | 18.2% | 39.5% | NW | 59 | 24.7% | 41.3% |
| White | 577 | 81.8% | 60.5% | White | 149 | 75.3% | 58.7% |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .027* <i>sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .288* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .447 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 61.5% | 23.1% | 15.4% | 0.0% | NW | 0 | N/A |
| Hispanic | 51.2% | 19.8% | 28.9% | 0.0% | White | 4 | N/A |
| White | 69.8% | 23.9% | 5.7% | 0.7% | | | |
| Other | 88.9% | 11.1% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BEVERLY POLICE DEPARTMENT

| Total Citations ¹ : 1,924 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 32.1% | Citations per 1000 | |
| | Passing through: | 67.9% | 18 + residents: | 55.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,801) | | | | ITP Stops ³ (N = 620) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.45 | | | | 38.33 | | | |
| Gender % | | | | Gender % | | | |
| Female 45.6% | | | | Female 41.8% | | | |
| Male 54.3% | | | | Male 58.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 4.8% | | | | Race % Mis/Unk ⁴ 4.8% | | | |
| AA/Black 4.0% | | | | AA/Black 3.9% | | | |
| Hispanic 7.6% | | | | Hispanic 8.1% | | | |
| White 85.5% | | | | White 85.4% | | | |
| Other 2.9% | | | | Other 2.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.0% | 2.1% | 1.9% | AA/Black | 4.0% | 14.5% | -10.5% |
| Hispanic | 7.6% | 5.1% | 2.5% | Hispanic | 7.6% | 15.2% | -7.6% |
| White | 85.5% | 88.5% | -3.0% | White | 85.5% | 65.1% | 20.4% |
| Other | 2.9% | 5.1% | -2.2% | Other | 2.9% | 5.2% | -2.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 222 | 12.9% | 18.4% | NW | 71 | 13.0% | 14.4% |
| White | 1,376 | 87.1% | 81.6% | White | 457 | 87.0% | 85.6% |
| Chi-square, X-tab ⁶ : .015* sig. | | | | Chi-square, X-tab ⁶ : .672 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .691* sig. | | | | Odds ratio Exp(B) ⁷ : .875 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 57.1% | 11.7% | 29.9% | 1.3% | NW | 2 | N/A |
| Hispanic | 57.3% | 16.1% | 21.7% | 4.9% | White | 6 | N/A |
| White | 73.7% | 16.7% | 8.3% | 1.4% | | | |
| Other | 78.8% | 15.4% | 5.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BILLERICA POLICE DEPARTMENT

| Total Citations ¹ : 3,315 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 38.0% | Citations per 1000 | |
| | Passing through: | 62.0% | 18 + residents: | 94.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,211) | | | | ITP Stops ³ (N = 934) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.68 | | | | 37.63 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.6% | | | | Female 34.8% | | | |
| Male 65.4% | | | | Male 64.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 8.0% | | | | Race % Mis/Unk ⁴ 10.3% | | | |
| AA/Black 8.7% | | | | AA/Black 9.2% | | | |
| Hispanic 11.3% | | | | Hispanic 10.3% | | | |
| White 72.7% | | | | White 73.5% | | | |
| Other 7.3% | | | | Other 7.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.7% | 4.8% | 3.9% | AA/Black | 8.7% | 14.5% | -5.8% |
| Hispanic | 11.3% | 4.5% | 6.8% | Hispanic | 11.3% | 15.2% | -3.9% |
| White | 72.7% | 81.8% | -9.1% | White | 72.7% | 65.1% | 7.6% |
| Other | 7.3% | 9.4% | -2.1% | Other | 7.3% | 5.2% | 2.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 779 | 26.2% | 33.2% | NW | 196 | 24.2% | 33.1% |
| White | 2,081 | 73.8% | 66.8% | White | 553 | 75.8% | 66.9% |
| Chi-square, X-tab ⁶ : .004* sig. | | | | Chi-square, X-tab ⁶ : .022* sig. | | | |
| Odds ratio Exp(B) ⁷ : .731* sig. | | | | Odds ratio Exp(B) ⁷ : .618 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 57.2% | 28.4% | 12.5% | 1.9% | NW | 5 | N/A |
| Hispanic | 44.4% | 29.1% | 22.3% | 4.2% | White | 5 | N/A |
| White | 59.2% | 33.0% | 7.1% | 0.7% | | | |
| Other | 63.5% | 27.9% | 7.2% | 1.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BLACKSTONE POLICE DEPARTMENT

| Total Citations ¹ : 396 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 20.2% | Citations per 1000 | |
| | Passing through: | 79.8% | 18 + residents: | 54.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 371) | | | | ITP Stops ³ (N = 164) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.64 | | | | 33.94 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.6% | | | | Female 30.0% | | | |
| Male 65.4% | | | | Male 70.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.5% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 6.8% | | | | AA/Black 3.0% | | | |
| Hispanic 16.3% | | | | Hispanic 17.1% | | | |
| White 76.2% | | | | White 78.7% | | | |
| Other 0.8% | | | | Other 1.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.8% | 1.2% | 5.6% | AA/Black | 6.8% | 14.5% | -7.7% |
| Hispanic | 16.3% | 2.4% | 13.9% | Hispanic | 16.3% | 15.2% | 1.1% |
| White | 76.2% | 93.5% | -17.3% | White | 76.2% | 65.1% | 11.1% |
| Other | 0.8% | 3.1% | -2.3% | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 82 | 19.7% | 30.1% | NW | 30 | 14.3% | 33.3% |
| White | 270 | 80.3% | 69.9% | White | 120 | 85.7% | 66.7% |
| Chi-square, X-tab ⁶ : .027* sig. | | | | Chi-square, X-tab ⁶ : .008* sig. | | | |
| Odds ratio Exp(B) ⁷ : .641 not sig. | | | | Odds ratio Exp(B) ⁷ : .310 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 52.0% | 8.0% | 28.0% | 12.0% | NW | 5 | N/A |
| Hispanic | 15.9% | 17.5% | 61.9% | 4.8% | White | 7 | N/A |
| White | 55.4% | 16.5% | 24.8% | 3.3% | | | |
| Other | 33.3% | 66.7% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOLTON POLICE DEPARTMENT

| Total Citations ¹ : 1,743 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 7.1% | Citations per 1000 | |
| | Passing through: | 92.9% | 18 + residents: | 449.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,689) | | | | ITP Stops ³ (N = 595) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.18 | | | | 36.74 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.4% | | | | Female 32.3% | | | |
| Male 66.6% | | | | Male 67.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 0.7% | | | |
| AA/Black 8.0% | | | | AA/Black 5.9% | | | |
| Hispanic 19.5% | | | | Hispanic 24.5% | | | |
| White 69.7% | | | | White 66.7% | | | |
| Other 2.8% | | | | Other 2.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.0% | 0.3% | 7.7% | AA/Black | 8.0% | 14.5% | -6.5% |
| Hispanic | 19.5% | 1.4% | 18.1% | Hispanic | 19.5% | 15.2% | 4.3% |
| White | 69.7% | 92.5% | -22.8% | White | 69.7% | 65.1% | 4.6% |
| Other | 2.8% | 6.5% | -3.7% | Other | 2.8% | 5.2% | -2.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 483 | 26.5% | 40.2% | NW | 178 | 32.4% | 39.6% |
| White | 1,097 | 73.5% | 59.8% | White | 336 | 67.6% | 60.4% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .111 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .544* sig. | | | | Odds ratio Exp(B) ⁷ : .613* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 61.2% | 16.4% | 21.6% | 0.7% | NW | 0 | N/A |
| Hispanic | 37.7% | 15.7% | 43.5% | 3.2% | White | 0 | N/A |
| White | 72.3% | 15.2% | 10.9% | 1.6% | | | |
| Other | 66.7% | 18.8% | 14.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOURNE POLICE DEPARTMENT

| Total Citations ¹ : 2,919 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 12.2% | Citations per 1000 | |
| | Passing through: | 87.8% | 18 + residents: | 170.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,673) | | | | ITP Stops ³ (N = 1,043) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.59 | | | | 39.95 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.1% | | | | Female 32.5% | | | |
| Male 63.8% | | | | Male 67.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 10.5% | | | | AA/Black 10.0% | | | |
| Hispanic 1.7% | | | | Hispanic 1.7% | | | |
| White 87.0% | | | | White 87.5% | | | |
| Other 0.8% | | | | Other 0.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.5% | 1.3% | 9.2% | AA/Black | 10.5% | 14.5% | -4.0% |
| Hispanic | 1.7% | 2.7% | -1.0% | Hispanic | 1.7% | 15.2% | -13.5% |
| White | 87.0% | 88.5% | -1.5% | White | 87.0% | 65.1% | 21.9% |
| Other | 0.8% | 5.7% | -4.9% | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 318 | 10.2% | 15.8% | NW | 115 | 12.1% | 13.3% |
| White | 2,164 | 89.8% | 84.2% | White | 796 | 87.9% | 86.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .577 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .589* sig. | | | | Odds ratio Exp(B) ⁷ : .694 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 73.5% | 10.9% | 13.2% | 2.3% | NW | 1 | N/A |
| Hispanic | 50.9% | 7.5% | 30.2% | 11.3% | White | 10 | N/A |
| White | 79.4% | 10.3% | 7.7% | 2.6% | | | |
| Other | 87.0% | 8.7% | 0.0% | 4.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOXBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 135 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 16.5% | Citations per 1000 | |
| | Passing through: | 83.5% | 18 + residents: | 30 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 127) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.76 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 32.1% | | | | Female N/A | | | |
| Male 67.9% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 7.0% | | | | AA/Black N/A | | | |
| Hispanic 17.4% | | | | Hispanic N/A | | | |
| White 66.1% | | | | White N/A | | | |
| Other 9.6% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.0% | 0.7% | 6.3% | AA/Black | 7.0% | 14.5% | -7.5% |
| Hispanic | 17.4% | 5.1% | 12.3% | Hispanic | 17.4% | 15.2% | 2.2% |
| White | 66.1% | 73.4% | -7.3% | White | 66.1% | 65.1% | 1.0% |
| Other | 9.6% | 21.1% | -11.5% | Other | 9.6% | 5.2% | 4.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 37 | 36.0% | 25.0% | NW | N/A | N/A | N/A |
| White | 72 | 64.0% | 75.0% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .350 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.672 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 33.3% | 22.2% | 44.4% | 0.0% | NW | 0 | N/A |
| Hispanic | 19.0% | 9.5% | 57.1% | 14.3% | White | 0 | N/A |
| White | 33.3% | 14.8% | 44.4% | 7.4% | | | |
| Other | 58.3% | 0.0% | 41.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .378 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOXFORD POLICE DEPARTMENT

| Total Citations ¹ : 404 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 6.3% | Citations per 1000 | |
| | Passing through: | 93.7% | 18 + residents: | 65.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 394) | | | | ITP Stops ³ (N = 115) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.68 | | | | 35.79 | | | |
| Gender % | | | | Gender % | | | |
| Female 24.6% | | | | Female 29.4% | | | |
| Male 75.4% | | | | Male 70.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 69.8% | | | | Race % Mis/Unk ⁴ 67.8% | | | |
| AA/Black 0.8% | | | | AA/Black 24.3% | | | |
| Hispanic 16.8% | | | | Hispanic 0.0% | | | |
| White 81.5% | | | | White 75.7% | | | |
| Other 0.8% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 0.8% | 0.0% | 0.8% | AA/Black | 0.8% | 14.5% | -13.7% |
| Hispanic | 16.8% | 2.5% | 14.3% | Hispanic | 16.8% | 15.2% | 1.6% |
| White | 81.5% | 93.0% | -11.5% | White | 81.5% | 65.1% | 16.4% |
| Other | 0.8% | 5.8% | -5.0% | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|---------------|--------------|---------------|-------------|-----------------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 0.0% | 0.0% | 100.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 20.0% | 55.0% | 25.0% | 0.0% | White | 0 | N/A |
| White | 37.9% | 46.6% | 12.6% | 2.9% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .242 | <i>not sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOYLSTON POLICE DEPARTMENT

| Total Citations ¹ : 406 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 6.7% | Citations per 1000 | |
| | Passing through: | 93.3% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 386) | | | | ITP Stops ³ (N = 110) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 33.76 | | | | 33.93 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.7% | | | | Female 36.1% | | | |
| Male 63.3% | | | | Male 63.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 13.5% | | | | Race % Mis/Unk ⁴ 23.6% | | | |
| AA/Black 10.2% | | | | AA/Black 11.9% | | | |
| Hispanic 23.1% | | | | Hispanic 26.2% | | | |
| White 62.9% | | | | White 59.5% | | | |
| Other 3.9% | | | | Other 2.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.2% | N/A | N/A | AA/Black | 10.2% | 14.5% | -4.3% |
| Hispanic | 23.1% | N/A | N/A | Hispanic | 23.1% | 15.2% | 7.9% |
| White | 62.9% | N/A | N/A | White | 62.9% | 65.1% | -2.2% |
| Other | 3.9% | N/A | N/A | Other | 3.9% | 5.2% | -1.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 120 | 36.0% | 39.8% | NW | 31 | 48.5% | 36.6% |
| White | 202 | 64.0% | 60.2% | White | 43 | 51.5% | 63.4% |
| Chi-square, X-tab ⁶ : | | .502 | not sig. | Chi-square, X-tab ⁶ : | | .302 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .837 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.382 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 40.5% | 21.6% | 37.8% | 0.0% | NW | 16 | N/A |
| Hispanic | 38.6% | 8.4% | 49.4% | 3.6% | White | 16 | N/A |
| White | 64.4% | 9.6% | 25.6% | 0.5% | | | |
| Other | 61.5% | 15.4% | 23.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BRAINTREE POLICE DEPARTMENT

| Total Citations ¹ : 355 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 24.7% | Citations per 1000 | |
| | Passing through: | 75.3% | 18 + residents: | 12.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 264) | | | | ITP Stops ³ (N = 104) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.45 | | | | 36.15 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.0% | | | | Female 29.1% | | | |
| Male 71.0% | | | | Male 70.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.2% | | | | Race % Mis/Unk ⁴ 8.7% | | | |
| AA/Black 24.5% | | | | AA/Black 25.3% | | | |
| Hispanic 10.2% | | | | Hispanic 12.6% | | | |
| White 56.3% | | | | White 53.7% | | | |
| Other 9.0% | | | | Other 8.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 24.5% | 3.0% | 21.5% | AA/Black | 24.5% | 14.5% | 10.0% |
| Hispanic | 10.2% | 2.1% | 8.1% | Hispanic | 10.2% | 15.2% | -5.0% |
| White | 56.3% | 79.4% | -23.1% | White | 56.3% | 65.1% | -8.8% |
| Other | 9.0% | 15.6% | -6.6% | Other | 9.0% | 5.2% | 3.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 100 | 39.8% | 50.5% | NW | 38 | 45.1% | 51.7% |
| White | 124 | 60.2% | 49.5% | White | 42 | 54.9% | 48.3% |
| Chi-square, X-tab ⁶ : | | .110 | not sig. | Chi-square, X-tab ⁶ : | | .568 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .617 | not sig. | Odds ratio Exp(B) ⁷ : | | .891 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|--------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 28.6% | 4.3% | 58.6% | 8.6% | NW | 3 | N/A |
| Hispanic | 37.2% | 9.3% | 46.5% | 7.0% | White | 12 | N/A |
| White | 36.9% | 8.4% | 42.5% | 12.3% | | | |
| Other | 70.6% | 14.7% | 14.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .001* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BREWSTER POLICE DEPARTMENT

| Total Citations ¹ : 376 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 36.4% | Citations per 1000 | |
| | Passing through: | 63.6% | 18 + residents: | 46 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 316) | | | | ITP Stops ³ (N = 125) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 41 | | | | 37.29 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.9% | | | | Female 38.7% | | | |
| Male 57.1% | | | | Male 61.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 8.7% | | | | AA/Black 6.4% | | | |
| Hispanic 2.9% | | | | Hispanic 0.8% | | | |
| White 86.5% | | | | White 90.4% | | | |
| Other 1.9% | | | | Other 2.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.7% | 1.0% | 7.7% | AA/Black | 8.7% | 14.5% | -5.8% |
| Hispanic | 2.9% | 2.2% | 0.7% | Hispanic | 2.9% | 15.2% | -12.3% |
| White | 86.5% | 94.7% | -8.2% | White | 86.5% | 65.1% | 21.4% |
| Other | 1.9% | 2.5% | -0.6% | Other | 1.9% | 5.2% | -3.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 39 | 10.2% | 21.2% | NW | N/A | N/A | N/A |
| White | 252 | 89.8% | 78.8% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .012* | sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .450* | sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|----------|----------|------------|
| AA/Black | 76.7% | 10.0% | 10.0% | 3.3% | NW | 0 | N/A |
| Hispanic | 66.7% | 0.0% | 20.0% | 13.3% | White | 1 | N/A |
| White | 75.7% | 8.2% | 9.1% | 6.9% | | | |
| Other | 85.7% | 14.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .704 | not sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BRIDGEWATER POLICE DEPARTMENT

| Total Citations ¹ : 2,328 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 29.0% | Citations per 1000 | |
| | Passing through: | 71.0% | 18 + residents: | 103 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,152) | | | | ITP Stops ³ (N = 822) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.87 | | | | 36.18 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.1% | | | | Female 33.5% | | | |
| Male 64.8% | | | | Male 66.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 17.1% | | | | AA/Black 13.9% | | | |
| Hispanic 6.0% | | | | Hispanic 4.6% | | | |
| White 75.0% | | | | White 79.7% | | | |
| Other 1.8% | | | | Other 1.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 17.1% | 8.6% | 8.5% | AA/Black | 17.1% | 14.5% | 2.6% |
| Hispanic | 6.0% | 3.9% | 2.1% | Hispanic | 6.0% | 15.2% | -9.2% |
| White | 75.0% | 83.5% | -8.5% | White | 75.0% | 65.1% | 9.9% |
| Other | 1.8% | 4.7% | -2.9% | Other | 1.8% | 5.2% | -3.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 504 | 22.2% | 29.5% | NW | 142 | 18.8% | 21.7% |
| White | 1,513 | 77.8% | 70.5% | White | 575 | 81.2% | 78.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .356 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .707* sig. | | | | Odds ratio Exp(B) ⁷ : .913 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 71.5% | 9.1% | 15.1% | 4.3% | NW | 0 | N/A |
| Hispanic | 64.9% | 9.0% | 23.1% | 3.0% | White | 1 | N/A |
| White | 82.9% | 5.5% | 7.5% | 4.1% | | | |
| Other | 83.3% | 7.1% | 9.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BRIMFIELD POLICE DEPARTMENT

| Total Citations ¹ : 104 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 9.6% | Citations per 1000 | |
| | Passing through: | 90.4% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 94) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.76 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 34.4% | | | | Female N/A | | | |
| Male 65.6% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 5.5% | | | | AA/Black N/A | | | |
| Hispanic 11.0% | | | | Hispanic N/A | | | |
| White 82.4% | | | | White N/A | | | |
| Other 1.1% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.5% | N/A | N/A | AA/Black | 5.5% | 14.5% | -9.0% |
| Hispanic | 11.0% | N/A | N/A | Hispanic | 11.0% | 15.2% | -4.2% |
| White | 82.4% | N/A | N/A | White | 82.4% | 65.1% | 17.3% |
| Other | 1.1% | N/A | N/A | Other | 1.1% | 5.2% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | N/A | N/A | | Chi-square, X-tab ⁶ : | N/A | N/A | |
| Odds ratio Exp(B) ⁷ : | N/A | N/A | | Odds ratio Exp(B) ⁷ : | N/A | N/A | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 40.0% | 0.0% | 60.0% | 0.0% | NW | 1 | N/A |
| Hispanic | 27.3% | 0.0% | 72.7% | 0.0% | White | 0 | N/A |
| White | 53.6% | 21.4% | 20.2% | 4.8% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | .032 * | sig. | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BROCKTON POLICE DEPARTMENT

| Total Citations ¹ : 3,594 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 58.5% | Citations per 1000 | |
| | Passing through: | 41.5% | 18 + residents: | 50.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,531) | | | | ITP Stops ³ (N = 931) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.37 | | | | 36.95 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.4% | | | | Female 37.8% | | | |
| Male 65.6% | | | | Male 62.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 3.0% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 68.2% | | | | AA/Black 72.5% | | | |
| Hispanic 2.4% | | | | Hispanic 2.1% | | | |
| White 28.9% | | | | White 25.1% | | | |
| Other 0.4% | | | | Other 0.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 68.2% | 45.6% | 22.6% | AA/Black | 68.2% | 14.5% | 53.7% |
| Hispanic | 2.4% | 11.1% | -8.7% | Hispanic | 2.4% | 15.2% | -12.8% |
| White | 28.9% | 30.8% | -1.9% | White | 28.9% | 65.1% | -36.2% |
| Other | 0.4% | 6.0% | -5.6% | Other | 0.4% | 5.2% | -4.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,547 | 69.3% | 75.1% | NW | 626 | 74.9% | 73.0% |
| White | 641 | 30.7% | 24.9% | White | 216 | 25.1% | 27.0% |
| Chi-square, X-tab ⁶ : | | .009* | sig. | Chi-square, X-tab ⁶ : | | .579 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .733* | sig. | Odds ratio Exp(B) ⁷ : | | 1.014 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 46.3% | 33.2% | 17.3% | 3.2% | NW | 28 | N/A |
| Hispanic | 28.3% | 32.3% | 34.3% | 5.1% | White | 16 | N/A |
| White | 54.1% | 29.5% | 15.7% | 0.7% | | | |
| Other | 38.9% | 38.9% | 22.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BROOKFIELD POLICE DEPARTMENT

| Total Citations ¹ : 157 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 17.3% | Citations per 1000 | |
| | Passing through: | 82.7% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 150) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.61 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 40.7% | | | | Female N/A | | | |
| Male 59.3% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 4.7% | | | | AA/Black N/A | | | |
| Hispanic 7.4% | | | | Hispanic N/A | | | |
| White 86.5% | | | | White N/A | | | |
| Other 1.4% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.7% | N/A | N/A | AA/Black | 4.7% | 14.5% | -9.8% |
| Hispanic | 7.4% | N/A | N/A | Hispanic | 7.4% | 15.2% | -7.8% |
| White | 86.5% | N/A | N/A | White | 86.5% | 65.1% | 21.4% |
| Other | 1.4% | N/A | N/A | Other | 1.4% | 5.2% | -3.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 20 | 14.5% | 13.8% | NW | N/A | N/A | N/A |
| White | 121 | 85.5% | 86.2% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .911 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.076 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 50.0% | 12.5% | 25.0% | 12.5% | NW | 1 | N/A |
| Hispanic | 83.3% | 0.0% | 8.3% | 8.3% | White | 1 | N/A |
| White | 72.2% | 7.5% | 16.5% | 3.8% | | | |
| Other | 50.0% | 50.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .381 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BROOKLINE POLICE DEPARTMENT

| Total Citations ¹ : 2,837 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 11.4% | Citations per 1000 | |
| | Passing through: | 88.4% | 18 + residents: | 59 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,706) | | | | ITP Stops ³ (N = 1,148) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.8 | | | | 39.5 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.1% | | | | Female 40.1% | | | |
| Male 62.8% | | | | Male 59.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 2.2% | | | |
| AA/Black 19.8% | | | | AA/Black 19.6% | | | |
| Hispanic 13.0% | | | | Hispanic 13.3% | | | |
| White 54.1% | | | | White 54.1% | | | |
| Other 13.2% | | | | Other 13.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 19.8% | 3.2% | 16.6% | AA/Black | 19.8% | 14.5% | 5.3% |
| Hispanic | 13.0% | 6.8% | 6.2% | Hispanic | 13.0% | 15.2% | -2.2% |
| White | 54.1% | 68.0% | -13.9% | White | 54.1% | 65.1% | -11.0% |
| Other | 13.2% | 22.6% | -9.4% | Other | 13.2% | 5.2% | 8.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,153 | 43.5% | 54.1% | NW | 480 | 43.4% | 52.6% |
| White | 1,344 | 56.5% | 45.9% | White | 560 | 56.6% | 47.4% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .007* sig. | | | |
| Odds ratio Exp(B) ⁷ : .651* sig. | | | | Odds ratio Exp(B) ⁷ : .595* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 81.0% | 14.2% | 4.4% | 0.4% | NW | 3 | N/A |
| Hispanic | 74.2% | 20.4% | 4.9% | 0.5% | White | 2 | N/A |
| White | 82.1% | 15.3% | 2.4% | 0.2% | | | |
| Other | 83.7% | 14.9% | 1.4% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .004* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BURLINGTON POLICE DEPARTMENT

| Total Citations ¹ : 2,715 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 25.1% | Citations per 1000 | |
| | Passing through: | 74.9% | 18 + residents: | 119.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,659) | | | | ITP Stops ³ (N = 1,012) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.66 | | | | 40.65 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.7% | | | | Female 39.3% | | | |
| Male 56.3% | | | | Male 60.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 8.3% | | | | AA/Black 8.7% | | | |
| Hispanic 7.2% | | | | Hispanic 8.3% | | | |
| White 70.7% | | | | White 67.1% | | | |
| Other 13.9% | | | | Other 15.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.3% | 4.5% | 3.8% | AA/Black | 8.3% | 14.5% | -6.2% |
| Hispanic | 7.2% | 3.1% | 4.1% | Hispanic | 7.2% | 15.2% | -8.0% |
| White | 70.7% | 71.5% | -0.8% | White | 70.7% | 65.1% | 5.6% |
| Other | 13.9% | 21.0% | -7.1% | Other | 13.9% | 5.2% | 8.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 740 | 27.1% | 38.8% | NW | 308 | 33.2% | 35.3% |
| White | 1,751 | 72.9% | 61.2% | White | 601 | 66.8% | 64.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .534 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .582* sig. | | | | Odds ratio Exp(B) ⁷ : 1.089 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 84.9% | 5.8% | 7.6% | 1.8% | NW | 0 | N/A |
| Hispanic | 77.4% | 4.2% | 16.3% | 2.1% | White | 1 | N/A |
| White | 90.2% | 6.0% | 3.3% | 0.5% | | | |
| Other | 90.0% | 7.6% | 2.2% | 0.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CAMBRIDGE POLICE DEPARTMENT

| Total Citations ¹ : 4,569 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 20.2% | Citations per 1000 | |
| | Passing through: | 79.8% | 18 + residents: | 43.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,332) | | | | ITP Stops ³ (N = 2,018) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.28 | | | | 39.63 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.6% | | | | Female 33.1% | | | |
| Male 66.3% | | | | Male 66.7% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ 2.6% | | | |
| AA/Black 19.2% | | | | AA/Black 19.1% | | | |
| Hispanic 12.1% | | | | Hispanic 12.4% | | | |
| White 54.0% | | | | White 52.5% | | | |
| Other 14.8% | | | | Other 16.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 19.2% | 10.7% | 8.5% | AA/Black | 19.2% | 14.5% | 4.7% |
| Hispanic | 12.1% | 9.5% | 2.6% | Hispanic | 12.1% | 15.2% | -3.1% |
| White | 54.0% | 59.8% | -5.8% | White | 54.0% | 65.1% | -11.1% |
| Other | 14.8% | 21.4% | -6.6% | Other | 14.8% | 5.2% | 9.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,794 | 42.9% | 53.4% | NW | 848 | 45.1% | 50.9% |
| White | 2,134 | 57.1% | 46.6% | White | 962 | 54.9% | 49.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .024* sig. | | | |
| Odds ratio Exp(B) ⁷ : .639* sig. | | | | Odds ratio Exp(B) ⁷ : .736* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 68.3% | 17.3% | 12.5% | 1.9% | NW | 15 | N/A |
| Hispanic | 63.9% | 21.0% | 12.8% | 2.3% | White | 7 | N/A |
| White | 73.0% | 21.6% | 5.1% | 0.4% | | | |
| Other | 76.2% | 19.1% | 3.9% | 0.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CANTON POLICE DEPARTMENT

| Total Citations ¹ : 3,617 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 28.4% | Citations per 1000 | |
| | Passing through: | 71.6% | 18 + residents: | 194.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,583) | | | | ITP Stops ³ (N = 1,806) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.11 | | | | 39.97 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.7% | | | | Female 44.1% | | | |
| Male 55.2% | | | | Male 55.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 10.9% | | | | Race % Mis/Unk ⁴ 11.4% | | | |
| AA/Black 30.5% | | | | AA/Black 29.5% | | | |
| Hispanic 3.6% | | | | Hispanic 2.7% | | | |
| White 60.9% | | | | White 62.5% | | | |
| Other 5.0% | | | | Other 5.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 30.5% | 5.2% | 25.3% | AA/Black | 30.5% | 14.5% | 16.0% |
| Hispanic | 3.6% | 4.1% | -0.5% | Hispanic | 3.6% | 15.2% | -11.6% |
| White | 60.9% | 80.9% | -20.0% | White | 60.9% | 65.1% | -4.2% |
| Other | 5.0% | 9.3% | -4.3% | Other | 5.0% | 5.2% | -0.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,158 | 34.5% | 49.0% | NW | 515 | 33.1% | 44.7% |
| White | 1,805 | 65.5% | 51.0% | White | 863 | 66.9% | 55.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .555* sig. | | | | Odds ratio Exp(B) ⁷ : .603* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 89.7% | 3.6% | 5.8% | 0.9% | NW | 3 | N/A |
| Hispanic | 85.2% | 0.9% | 13.0% | 0.9% | White | 3 | N/A |
| White | 95.4% | 1.6% | 2.4% | 0.6% | | | |
| Other | 97.5% | 1.3% | 0.0% | 1.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CARVER POLICE DEPARTMENT

| Total Citations ¹ : 116 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 33.8% | Citations per 1000 | |
| | Passing through: | 66.2% | 18 + residents: | 12.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 71) | | | | ITP Stops ³ (N = N/A) | | | |
|---------------------------------|---|----------------------|-------------|----------------------------------|---|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 35.79 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| Female | | 34.3% | | Female | | N/A | |
| Male | | 65.7% | | Male | | N/A | |
| Non-binary | | 0.0% | | Non-binary | | N/A | |
| Race | % | Mis/Unk ⁴ | 8.5% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | | 3.1% | | AA/Black | | N/A | |
| Hispanic | | 3.1% | | Hispanic | | N/A | |
| White | | 93.8% | | White | | N/A | |
| Other | | 0.0% | | Other | | N/A | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.1% | 0.5% | 2.6% | AA/Black | 3.1% | 14.5% | -11.4% |
| Hispanic | 3.1% | 2.4% | 0.7% | Hispanic | 3.1% | 15.2% | -12.1% |
| White | 93.8% | 92.5% | 1.3% | White | 93.8% | 65.1% | 28.7% |
| Other | 0.0% | 3.3% | -3.3% | Other | 0.0% | 5.2% | -5.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | N/A | N/A | | Chi-square, X-tab ⁶ : | N/A | N/A | |
| Odds ratio Exp(B) ⁷ : | N/A | N/A | | Odds ratio Exp(B) ⁷ : | N/A | N/A | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 0.0% | 33.3% | 66.7% | 0.0% | NW | 0 | N/A |
| Hispanic | 50.0% | 0.0% | 50.0% | 0.0% | White | 0 | N/A |
| White | 44.7% | 18.4% | 32.0% | 4.9% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | .738 | not sig. | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CHARLTON POLICE DEPARTMENT

| Total Citations ¹ : 1,518 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 17.9% | Citations per 1000 | |
| | Passing through: | 82.1% | 18 + residents: | 141.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,464) | | | | ITP Stops ³ (N = 440) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.35 | | | | 36.91 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.5% | | | | Female 33.7% | | | |
| Male 60.5% | | | | Male 66.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 0.9% | | | |
| AA/Black 9.0% | | | | AA/Black 11.5% | | | |
| Hispanic 18.4% | | | | Hispanic 20.9% | | | |
| White 69.7% | | | | White 64.0% | | | |
| Other 2.9% | | | | Other 3.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.0% | 0.9% | 8.1% | AA/Black | 9.0% | 14.5% | -5.5% |
| Hispanic | 18.4% | 6.1% | 12.3% | Hispanic | 18.4% | 15.2% | 3.2% |
| White | 69.7% | 90.5% | -20.8% | White | 69.7% | 65.1% | 4.6% |
| Other | 2.9% | 3.7% | -0.8% | Other | 2.9% | 5.2% | -2.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 414 | 23.1% | 41.3% | NW | 132 | 32.2% | 36.3% |
| White | 982 | 76.9% | 58.7% | White | 255 | 67.8% | 63.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .396 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .398* sig. | | | | Odds ratio Exp(B) ⁷ : .479* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 80.5% | 4.5% | 10.5% | 4.5% | NW | 1 | N/A |
| Hispanic | 73.8% | 13.6% | 9.7% | 2.9% | White | 2 | N/A |
| White | 81.2% | 11.4% | 4.8% | 2.6% | | | |
| Other | 86.0% | 11.6% | 2.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .003* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CHELMSFORD POLICE DEPARTMENT

| Total Citations ¹ : 1,991 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 20.7% | Citations per 1000 | |
| | Passing through: | 79.3% | 18 + residents: | 70.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,872) | | | | ITP Stops ³ (N = 403) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.47 | | | | 37.58 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.9% | | | | Female 38.9% | | | |
| Male 59.0% | | | | Male 61.1% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.4% | | | | Race % Mis/Unk ⁴ 11.9% | | | |
| AA/Black 6.4% | | | | AA/Black 5.6% | | | |
| Hispanic 10.8% | | | | Hispanic 10.1% | | | |
| White 69.9% | | | | White 69.6% | | | |
| Other 12.9% | | | | Other 14.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.4% | 0.9% | 5.5% | AA/Black | 6.4% | 14.5% | -8.1% |
| Hispanic | 10.8% | 3.3% | 7.5% | Hispanic | 10.8% | 15.2% | -4.4% |
| White | 69.9% | 85.2% | -15.3% | White | 69.9% | 65.1% | 4.8% |
| Other | 12.9% | 11.0% | 1.9% | Other | 12.9% | 5.2% | 7.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 507 | 27.7% | 46.6% | NW | 95 | 24.6% | 43.4% |
| White | 1,171 | 72.3% | 53.4% | White | 210 | 75.4% | 56.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .001* sig | | | |
| Odds ratio Exp(B) ⁷ : .432* sig. | | | | Odds ratio Exp(B) ⁷ : .340* sig | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 61.3% | 26.1% | 9.2% | 3.4% | NW | 3 | N/A |
| Hispanic | 55.2% | 27.1% | 14.3% | 3.4% | White | 2 | N/A |
| White | 72.3% | 21.0% | 5.0% | 1.7% | | | |
| Other | 74.0% | 21.1% | 3.7% | 1.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CHELSEA POLICE DEPARTMENT

| Total Citations ¹ : 1,538 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 35.6% | Citations per 1000 | |
| | Passing through: | 64.4% | 18 + residents: | 52.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,357) | | | | ITP Stops ³ (N = 314) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.47 | | | | 39.18 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.1% | | | | Female 26.1% | | | |
| Male 68.9% | | | | Male 73.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.5% | | | | Race % Mis/Unk ⁴ 6.7% | | | |
| AA/Black 11.8% | | | | AA/Black 12.3% | | | |
| Hispanic 32.3% | | | | Hispanic 36.5% | | | |
| White 53.6% | | | | White 49.8% | | | |
| Other 2.3% | | | | Other 1.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.8% | 6.4% | 5.4% | AA/Black | 11.8% | 14.5% | -2.7% |
| Hispanic | 32.3% | 67.0% | -34.7% | Hispanic | 32.3% | 15.2% | 17.1% |
| White | 53.6% | 20.6% | 33.0% | White | 53.6% | 65.1% | -11.5% |
| Other | 2.3% | 36.9% | -34.6% | Other | 2.3% | 5.2% | -2.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 546 | 46.8% | 46.5% | NW | 135 | 52.0% | 48.3% |
| White | 623 | 53.2% | 53.5% | White | 131 | 48.0% | 51.7% |
| Chi-square, X-tab ⁶ : .944 not sig. | | | | Chi-square, X-tab ⁶ : .573 not sig. | | | |
| Odds ratio Exp(B) ⁷ : 1.061 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.862 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 72.8% | 10.8% | 15.8% | 0.6% | NW | 7 | N/A |
| Hispanic | 64.9% | 8.1% | 24.1% | 2.9% | White | 8 | N/A |
| White | 67.1% | 12.7% | 15.9% | 4.4% | | | |
| Other | 77.4% | 9.7% | 6.5% | 6.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CHESHIRE POLICE DEPARTMENT

| Total Citations ¹ : 115 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
|--|-------------------------------|----------------------|-----------------|-----------------------------------|--------------------------------------|---------|----------------------|----------|
| | Intown motorist: 13.2% | | | Citations per 1000 | | | | |
| | Passing through: 86.8% | | | 18 + residents: N/A | | | | |
| ¹ Total citations issued by department, <u>including</u> multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 114) | | | | | ITP Stops ³ (N = N/A) | | | |
| Mean age | | | | | Mean age | | | |
| 35.39 | | | | | N/A | | | |
| Gender % | | | | | Gender % | | | |
| Female | | 48.2% | | | Female | | N/A | |
| Male | | 51.8% | | | Male | | N/A | |
| Non-binary | | 0.0% | | | Non-binary | | N/A | |
| Race % | | Mis/Unk ⁴ | 0.9% | | Race % | | Mis/Unk ⁴ | N/A |
| AA/Black | | 14.2% | | | AA/Black | | N/A | |
| Hispanic | | 3.5% | | | Hispanic | | N/A | |
| White | | 82.3% | | White | | N/A | | |
| Other | | 0.0% | | Other | | N/A | | |
| ² Total unique stop incidents by department, <u>excluding</u> multiple-citation encounters and crashes | | | | | | | | |
| ³ <u>Only</u> those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 14.2% | N/A | N/A | | AA/Black | 14.2% | 14.5% | -0.3% |
| Hispanic | 3.5% | N/A | N/A | | Hispanic | 3.5% | 15.2% | -11.7% |
| White | 82.3% | N/A | N/A | | White | 82.3% | 65.1% | 17.2% |
| Other | 0.0% | N/A | N/A | | Other | 0.0% | 5.2% | -5.2% |
| ⁵ State average represents racial/ethnic breakdown of <i>all</i> 2022 stops by <i>all</i> MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race N | | Daylight | Darkness | | Race N | | Daylight | Darkness |
| NW | 20 | 15.5% | 25.9% | | NW | N/A | N/A | N/A |
| White | 91 | 84.5% | 74.1% | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .219 | <i>not sig.</i> | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .435 | <i>not sig.</i> | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. <i>Chi-square</i> indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | |
| ⁷ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 62.5% | 18.8% | 18.8% | 0.0% | NW | 0 | N/A | |
| Hispanic | 50.0% | 25.0% | 25.0% | 0.0% | White | 0 | N/A | |
| White | 78.7% | 13.8% | 7.4% | 0.0% | | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .385 <i>not sig.</i> | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CHESTER POLICE DEPARTMENT

| Total Citations ¹ : 283 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 18.7% | Citations per 1000 | |
| | Passing through: | 81.3% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 283) | | | | ITP Stops ³ (N = 144) | | | |
|----------------------------------|----------------------|-------------|--|----------------------------------|----------------------|-------------|--|
| Mean age | | | | Mean age | | | |
| 46.11 | | | | 42.42 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.2% | | | | Female 44.4% | | | |
| Male 55.8% | | | | Male 55.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % | Mis/Unk ⁴ | 2.1% | | Race % | Mis/Unk ⁴ | 2.1% | |
| AA/Black | 2.2% | | | AA/Black | 2.8% | | |
| Hispanic | 2.5% | | | Hispanic | 2.8% | | |
| White | 94.2% | | | White | 92.2% | | |
| Other | 1.1% | | | Other | 2.1% | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.2% | N/A | N/A | AA/Black | 2.2% | 14.5% | -12.3% |
| Hispanic | 2.5% | N/A | N/A | Hispanic | 2.5% | 15.2% | -12.7% |
| White | 94.2% | N/A | N/A | White | 94.2% | 65.1% | 29.1% |
| Other | 1.1% | N/A | N/A | Other | 1.1% | 5.2% | -4.1% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|------------|------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : N/A N/A | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : N/A N/A | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|---------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 100.0% | 0.0% | 0.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 85.7% | 14.3% | 0.0% | 0.0% | White | 1 | N/A |
| White | 88.1% | 11.1% | 0.8% | 0.0% | | | |
| Other | 66.7% | 33.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .877 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CHICOPEE POLICE DEPARTMENT

| Total Citations ¹ : 6,567 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 43.4% | Citations per 1000 | |
| | Passing through: | 56.6% | 18 + residents: | 148.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,711) | | | | ITP Stops ³ (N = 1,107) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.89 | | | | 37.86 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.0% | | | | Female 37.6% | | | |
| Male 56.9% | | | | Male 62.2% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 10.3% | | | | AA/Black 14.1% | | | |
| Hispanic 29.1% | | | | Hispanic 37.8% | | | |
| White 58.7% | | | | White 46.4% | | | |
| Other 1.8% | | | | Other 1.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.3% | 5.2% | 5.1% | AA/Black | 10.3% | 14.5% | -4.2% |
| Hispanic | 29.1% | 21.0% | 8.1% | Hispanic | 29.1% | 15.2% | 13.9% |
| White | 58.7% | 71.2% | -12.5% | White | 58.7% | 65.1% | -6.4% |
| Other | 1.8% | 4.6% | -2.8% | Other | 1.8% | 5.2% | -3.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,237 | 35.4% | 54.6% | NW | 500 | 51.0% | 53.5% |
| White | 3,240 | 64.6% | 45.4% | White | 455 | 49.0% | 46.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .440 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .434* sig. | | | | Odds ratio Exp(B) ⁷ : .638* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 65.2% | 9.8% | 17.7% | 7.3% | NW | 3 | N/A |
| Hispanic | 67.2% | 8.7% | 18.1% | 6.0% | White | 22 | N/A |
| White | 85.2% | 5.9% | 6.4% | 2.5% | | | |
| Other | 89.0% | 5.1% | 5.1% | 0.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CLINTON POLICE DEPARTMENT

| Total Citations ¹ : 171 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 45.4% | Citations per 1000 | |
| | Passing through: | 54.6% | 18 + residents: | 24.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 119) | | | | ITP Stops ³ (N = N/A) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.17 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 24.8% | | | | Female N/A | | | |
| Male 75.2% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 12.6% | | | | Race % Mis/Unk ⁴ 12.0% | | | |
| AA/Black 7.7% | | | | AA/Black N/A | | | |
| Hispanic 29.8% | | | | Hispanic N/A | | | |
| White 61.5% | | | | White N/A | | | |
| Other 1.0% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.7% | 3.4% | 4.3% | AA/Black | 7.7% | 14.5% | -6.8% |
| Hispanic | 29.8% | 19.7% | 10.1% | Hispanic | 29.8% | 15.2% | 14.6% |
| White | 61.5% | 74.9% | -13.4% | White | 61.5% | 65.1% | -3.6% |
| Other | 1.0% | 4.8% | -3.8% | Other | 1.0% | 5.2% | -4.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 35 | 34.1% | 46.5% | NW | N/A | N/A | N/A |
| White | 52 | 65.9% | 53.5% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .238 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .591 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 9.1% | 18.2% | 54.5% | 18.2% | NW | 0 | N/A |
| Hispanic | 7.7% | 13.5% | 57.7% | 21.2% | White | 0 | N/A |
| White | 32.6% | 18.0% | 32.6% | 16.9% | | | |
| Other | 0.0% | 50.0% | 50.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .023* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

COHASSET POLICE DEPARTMENT

| Total Citations ¹ : 2,433 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 33.0% | Citations per 1000 | |
| | Passing through: | 67.0% | 18 + residents: | 399.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,376) | | | | ITP Stops ³ (N = 1,291) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 44.16 | | | | 43.89 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.8% | | | | Female 40.8% | | | |
| Male 55.2% | | | | Male 59.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.5% | | | | Race % Mis/Unk ⁴ 0.3% | | | |
| AA/Black 2.7% | | | | AA/Black 3.0% | | | |
| Hispanic 4.1% | | | | Hispanic 3.7% | | | |
| White 91.1% | | | | White 91.2% | | | |
| Other 2.1% | | | | Other 2.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.7% | 0.7% | 2.0% | AA/Black | 2.7% | 14.5% | -11.8% |
| Hispanic | 4.1% | 1.4% | 2.7% | Hispanic | 4.1% | 15.2% | -11.1% |
| White | 91.1% | 95.4% | -4.3% | White | 91.1% | 65.1% | 26.0% |
| Other | 2.1% | 2.3% | -0.2% | Other | 2.1% | 5.2% | -3.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 202 | 8.7% | 10.9% | NW | 105 | 8.4% | 11.3% |
| White | 2,029 | 91.3% | 89.1% | White | 1,055 | 91.6% | 88.7% |
| Chi-square, X-tab ⁶ : .163 not sig. | | | | Chi-square, X-tab ⁶ : .149 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .849 not sig. | | | | Odds ratio Exp(B) ⁷ : .793 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 87.9% | 3.0% | 6.1% | 3.0% | NW | 0 | N/A |
| Hispanic | 76.5% | 5.1% | 18.4% | 0.0% | White | 3 | N/A |
| White | 93.9% | 3.7% | 2.2% | 0.3% | | | |
| Other | 94.3% | 5.7% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

COLRAIN POLICE DEPARTMENT

| Total Citations ¹ : 303 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 10.9% | Citations per 1000 | |
| | Passing through: | 89.1% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 302) | | | | ITP Stops ³ (N = 144) | | | |
|----------------------------------|----------------------|-------------|--|----------------------------------|----------------------|-------------|--|
| Mean age | | | | Mean age | | | |
| 43.85 | | | | 42.42 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.3% | | | | Female 44.4% | | | |
| Male 61.7% | | | | Male 55.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % | Mis/Unk ⁴ | 2.6% | | Race % | Mis/Unk ⁴ | 2.1% | |
| AA/Black | 1.4% | | | AA/Black | 2.8% | | |
| Hispanic | 2.0% | | | Hispanic | 2.8% | | |
| White | 94.2% | | | White | 92.2% | | |
| Other | 2.4% | | | Other | 2.1% | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 1.4% | N/A | N/A | AA/Black | 1.4% | 14.5% | -13.1% |
| Hispanic | 2.0% | N/A | N/A | Hispanic | 2.0% | 15.2% | -13.2% |
| White | 94.2% | N/A | N/A | White | 94.2% | 65.1% | 29.1% |
| Other | 2.4% | N/A | N/A | Other | 2.4% | 5.2% | -2.8% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | N/A | N/A | | Chi-square, X-tab ⁶ : | N/A | N/A | |
| Odds ratio Exp(B) ⁷ : | N/A | N/A | | Odds ratio Exp(B) ⁷ : | N/A | N/A | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 100.0% | 0.0% | 0.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 85.7% | 14.3% | 0.0% | 0.0% | White | 1 | N/A |
| White | 88.1% | 11.1% | 0.8% | 0.0% | | | |
| Other | 66.7% | 33.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | .877 | not sig. | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

CONCORD POLICE DEPARTMENT

| Total Citations ¹ : 5,644 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 17.9% | Citations per 1000 | |
| | Passing through: | 82.1% | 18 + residents: | 393.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,551) | | | | ITP Stops ³ (N = 2,020) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.19 | | | | 42.83 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.0% | | | | Female 44.3% | | | |
| Male 58.9% | | | | Male 55.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 0.4% | | | | Race % Mis/Unk ⁴ 0.4% | | | |
| AA/Black 9.9% | | | | AA/Black 5.7% | | | |
| Hispanic 10.6% | | | | Hispanic 8.3% | | | |
| White 70.0% | | | | White 76.9% | | | |
| Other 9.5% | | | | Other 9.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.9% | 4.0% | 5.9% | AA/Black | 9.9% | 14.5% | -4.6% |
| Hispanic | 10.6% | 7.2% | 3.4% | Hispanic | 10.6% | 15.2% | -4.6% |
| White | 70.0% | 79.4% | -9.4% | White | 70.0% | 65.1% | 4.9% |
| Other | 9.5% | 10.0% | -0.5% | Other | 9.5% | 5.2% | 4.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,585 | 21.6% | 42.7% | NW | 399 | 21.2% | 25.0% |
| White | 3,727 | 78.4% | 57.3% | White | 1,410 | 78.8% | 75.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .110 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .359* sig. | | | | Odds ratio Exp(B) ⁷ : .613* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 70.0% | 18.4% | 10.3% | 1.3% | NW | 0 | N/A |
| Hispanic | 58.2% | 17.5% | 22.4% | 1.9% | White | 2 | N/A |
| White | 82.0% | 14.0% | 3.2% | 0.8% | | | |
| Other | 76.9% | 18.4% | 4.4% | 0.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DALTON POLICE DEPARTMENT

| Total Citations ¹ : 230 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 23.7% | Citations per 1000 | |
| | Passing through: | 76.3% | 18 + residents: | 42.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 215) | | | | ITP Stops ³ (N = 112) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.11 | | | | 36.4 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.4% | | | | Female 37.5% | | | |
| Male 58.6% | | | | Male 62.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| 8.8% | | | | 11.6% | | | |
| AA/Black 8.2% | | | | AA/Black 8.1% | | | |
| Hispanic 0.0% | | | | Hispanic 0.0% | | | |
| White 91.8% | | | | White 91.9% | | | |
| Other 0.0% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.2% | 0.1% | 8.1% | AA/Black | 8.2% | 14.5% | -6.3% |
| Hispanic | 0.0% | 2.1% | -2.1% | Hispanic | 0.0% | 15.2% | -15.2% |
| White | 91.8% | 95.4% | -3.6% | White | 91.8% | 65.1% | 26.7% |
| Other | 0.0% | 2.2% | -2.2% | Other | 0.0% | 5.2% | -5.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 13 | 8.6% | 7.0% | NW | N/A | N/A | N/A |
| White | 151 | 91.4% | 93.0% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .714 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .998 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|---------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 64.7% | 11.8% | 17.6% | 5.9% | NW | 0 | N/A |
| Hispanic | 100.0% | 0.0% | 0.0% | 0.0% | White | 1 | N/A |
| White | 77.7% | 5.7% | 15.5% | 1.0% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .649 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DANVERS POLICE DEPARTMENT

| Total Citations ¹ : 1,117 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 19.9% | Citations per 1000 | |
| | Passing through: | 80.1% | 18 + residents: | 50.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 891) | | | | ITP Stops ³ (N = 282) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.77 | | | | 39.52 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.8% | | | | Female 35.2% | | | |
| Male 63.1% | | | | Male 64.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.5% | | | | Race % Mis/Unk ⁴ 2.5% | | | |
| AA/Black 8.4% | | | | AA/Black 8.7% | | | |
| Hispanic 14.8% | | | | Hispanic 15.3% | | | |
| White 74.6% | | | | White 74.2% | | | |
| Other 2.2% | | | | Other 1.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.4% | 2.4% | 6.0% | AA/Black | 8.4% | 14.5% | -6.1% |
| Hispanic | 14.8% | 5.1% | 9.7% | Hispanic | 14.8% | 15.2% | -0.4% |
| White | 74.6% | 87.6% | -13.0% | White | 74.6% | 65.1% | 9.5% |
| Other | 2.2% | 5.0% | -2.8% | Other | 2.2% | 5.2% | -3.0% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 213 | 20.5% | 31.5% | NW | 66 | 28.2% | 23.8% |
| White | 591 | 79.5% | 68.5% | White | 191 | 71.8% | 76.2% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .427 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .544* | sig. | Odds ratio Exp(B) ⁷ : | | 1.093 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|-------------|--------------|-------------|----------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 85.7% | 3.6% | 7.1% | 3.6% | NW | 0 | N/A |
| Hispanic | 76.7% | 6.2% | 13.0% | 4.1% | White | 0 | N/A |
| White | 84.9% | 2.4% | 9.1% | 3.6% | | | |
| Other | 87.0% | 4.3% | 4.3% | 4.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .329 | not sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DARTMOUTH POLICE DEPARTMENT

| Total Citations ¹ : 2,949 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 30.0% | Citations per 1000 | |
| | Passing through: | 70.0% | 18 + residents: | 101.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,673) | | | | ITP Stops ³ (N = 964) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.72 | | | | 38.91 | | | |
| Gender % | | | | Gender % | | | |
| Female 48.6% | | | | Female 42.9% | | | |
| Male 51.4% | | | | Male 57.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ 1.7% | | | |
| AA/Black 10.5% | | | | AA/Black 9.9% | | | |
| Hispanic 7.0% | | | | Hispanic 7.5% | | | |
| White 80.6% | | | | White 80.4% | | | |
| Other 2.0% | | | | Other 2.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.5% | 3.2% | 7.3% | AA/Black | 10.5% | 14.5% | -4.0% |
| Hispanic | 7.0% | 3.1% | 3.9% | Hispanic | 7.0% | 15.2% | -8.2% |
| White | 80.6% | 89.1% | -8.5% | White | 80.6% | 65.1% | 15.5% |
| Other | 2.0% | 4.6% | -2.6% | Other | 2.0% | 5.2% | -3.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 492 | 18.2% | 23.9% | NW | 174 | 18.4% | 23.5% |
| White | 2,035 | 81.8% | 76.1% | White | 691 | 81.6% | 76.5% |
| Chi-square, X-tab ⁶ : .002* sig. | | | | Chi-square, X-tab ⁶ : .077 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .773* sig. | | | | Odds ratio Exp(B) ⁷ : 1.101 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 63.5% | 10.8% | 23.3% | 2.4% | NW | 0 | N/A |
| Hispanic | 48.5% | 6.9% | 36.6% | 7.9% | White | 5 | N/A |
| White | 75.3% | 10.1% | 11.8% | 2.8% | | | |
| Other | 76.8% | 10.7% | 10.7% | 1.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DEDHAM POLICE DEPARTMENT

| Total Citations ¹ : 7,818 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 17.6% | Citations per 1000 | |
| | Passing through: | 82.4% | 18 + residents: | 383.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,729) | | | | ITP Stops ³ (N = 2,541) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.15 | | | | 40.9 | | | |
| Gender % | | | | Gender % | | | |
| Female 46.2% | | | | Female 44.7% | | | |
| Male 53.7% | | | | Male 55.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.6% | | | | Race % Mis/Unk ⁴ 2.9% | | | |
| AA/Black 20.4% | | | | AA/Black 23.5% | | | |
| Hispanic 11.2% | | | | Hispanic 11.1% | | | |
| White 63.2% | | | | White 60.2% | | | |
| Other 5.2% | | | | Other 5.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 20.4% | 8.2% | 12.2% | AA/Black | 20.4% | 14.5% | 5.9% |
| Hispanic | 11.2% | 8.7% | 2.5% | Hispanic | 11.2% | 15.2% | -4.0% |
| White | 63.2% | 78.8% | -15.6% | White | 63.2% | 65.1% | -1.9% |
| Other | 5.2% | 5.4% | -0.2% | Other | 5.2% | 5.2% | 0.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,663 | 36.2% | 44.3% | NW | 887 | 39.8% | 41.8% |
| White | 4,567 | 63.8% | 55.7% | White | 1,320 | 60.2% | 58.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .463 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .734* sig. | | | | Odds ratio Exp(B) ⁷ : .921 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|-------------|-------------|-------|----------|------------|
| AA/Black | 95.8% | 2.9% | 1.2% | 0.1% | NW | 0 | N/A |
| Hispanic | 93.8% | 5.1% | 1.0% | 0.0% | White | 2 | N/A |
| White | 97.5% | 1.8% | 0.7% | 0.0% | | | |
| Other | 97.2% | 2.8% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DEERFIELD POLICE DEPARTMENT

| Total Citations ¹ : 171 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 45.4% | Citations per 1000 | |
| | Passing through: | 54.6% | 18 + residents: | 24.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 119) | | | | ITP Stops ³ (N = N/A) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.17 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 24.8% | | | | Female N/A | | | |
| Male 75.2% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 12.6% | | | | Race % Mis/Unk ⁴ 12.0% | | | |
| AA/Black 7.7% | | | | AA/Black N/A | | | |
| Hispanic 29.8% | | | | Hispanic N/A | | | |
| White 61.5% | | | | White N/A | | | |
| Other 1.0% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.7% | 3.4% | 4.3% | AA/Black | 7.7% | 14.5% | -6.8% |
| Hispanic | 29.8% | 19.7% | 10.1% | Hispanic | 29.8% | 15.2% | 14.6% |
| White | 61.5% | 74.9% | -13.4% | White | 61.5% | 65.1% | -3.6% |
| Other | 1.0% | 4.8% | -3.8% | Other | 1.0% | 5.2% | -4.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 35 | 34.1% | 46.5% | NW | N/A | N/A | N/A |
| White | 52 | 65.9% | 53.5% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .238 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .591 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 9.1% | 18.2% | 54.5% | 18.2% | NW | 0 | N/A |
| Hispanic | 7.7% | 13.5% | 57.7% | 21.2% | White | 0 | N/A |
| White | 32.6% | 18.0% | 32.6% | 16.9% | | | |
| Other | 0.0% | 50.0% | 50.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .023* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DENNIS POLICE DEPARTMENT

| Total Citations ¹ : 730 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 3.8% | Citations per 1000 | |
| | Passing through: | 96.2% | 18 + residents: | 60 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 661) | | | | ITP Stops ³ (N = 234) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.72 | | | | 40.13 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.4% | | | | Female 34.3% | | | |
| Male 62.6% | | | | Male 65.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ 0.9% | | | |
| AA/Black 9.6% | | | | AA/Black 10.3% | | | |
| Hispanic 1.5% | | | | Hispanic 0.9% | | | |
| White 88.4% | | | | White 88.4% | | | |
| Other 0.5% | | | | Other 0.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.6% | 4.0% | 5.6% | AA/Black | 9.6% | 14.5% | -4.9% |
| Hispanic | 1.5% | 2.1% | -0.6% | Hispanic | 1.5% | 15.2% | -13.7% |
| White | 88.4% | 90.8% | -2.4% | White | 88.4% | 65.1% | 23.3% |
| Other | 0.5% | 2.9% | -2.4% | Other | 0.5% | 5.2% | -4.7% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 64 | 8.4% | 14.4% | NW | 20 | 10.8% | 8.5% |
| White | 531 | 91.6% | 85.6% | White | 185 | 89.2% | 91.5% |
| Chi-square, X-tab ⁶ : .020* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .580 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .579* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : 2.305 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 59.2% | 7.0% | 25.4% | 8.5% | NW | 1 | N/A |
| Hispanic | 54.5% | 9.1% | 27.3% | 9.1% | White | 2 | N/A |
| White | 67.9% | 7.6% | 19.4% | 5.1% | | | |
| Other | 50.0% | 25.0% | 25.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .732 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DIGHTON POLICE DEPARTMENT

| Total Citations ¹ : 429 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 15.3% | Citations per 1000 | |
| | Passing through: | 84.7% | 18 + residents: | 66.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 404) | | | | ITP Stops ³ (N = 119) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.29 | | | | 31.87 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.7% | | | | Female 28.0% | | | |
| Male 68.3% | | | | Male 72.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 1.7% | | | |
| AA/Black 9.0% | | | | AA/Black 9.4% | | | |
| Hispanic 5.0% | | | | Hispanic 1.7% | | | |
| White 85.2% | | | | White 88.0% | | | |
| Other 0.8% | | | | Other 0.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.0% | 3.1% | 5.9% | AA/Black | 9.0% | 14.5% | -5.5% |
| Hispanic | 5.0% | 0.4% | 4.6% | Hispanic | 5.0% | 15.2% | -10.2% |
| White | 85.2% | 92.0% | -6.8% | White | 85.2% | 65.1% | 20.1% |
| Other | 0.8% | 2.1% | -1.3% | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 59 | 14.1% | 18.8% | NW | 14 | 11.4% | 17.2% |
| White | 330 | 85.9% | 81.2% | White | 94 | 88.6% | 82.8% |
| Chi-square, X-tab ⁶ : | | .288 | not sig. | Chi-square, X-tab ⁶ : | | .423 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .546 | not sig. | Odds ratio Exp(B) ⁷ : | | .556 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 30.8% | 25.6% | 38.5% | 5.1% | NW | 0 | N/A |
| Hispanic | 30.0% | 20.0% | 45.0% | 5.0% | White | 0 | N/A |
| White | 58.5% | 18.4% | 20.9% | 2.2% | | | |
| Other | 33.3% | 33.3% | 33.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .024* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DOUGLAS POLICE DEPARTMENT

| Total Citations ¹ : 1,506 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 21.6% | Citations per 1000 | |
| | Passing through: | 78.4% | 18 + residents: | 218.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,453) | | | | ITP Stops ³ (N = 696) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.32 | | | | 34.9 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.7% | | | | Female 33.3% | | | |
| Male 63.3% | | | | Male 66.7% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.0% | | | | Race % Mis/Unk ⁴ 0.6% | | | |
| AA/Black 7.2% | | | | AA/Black 5.2% | | | |
| Hispanic 11.7% | | | | Hispanic 11.3% | | | |
| White 79.4% | | | | White 82.7% | | | |
| Other 1.7% | | | | Other 0.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.2% | 0.3% | 6.9% | AA/Black | 7.2% | 14.5% | -7.3% |
| Hispanic | 11.7% | 5.7% | 6.0% | Hispanic | 11.7% | 15.2% | -3.5% |
| White | 79.4% | 91.1% | -11.7% | White | 79.4% | 65.1% | 14.3% |
| Other | 1.7% | 3.0% | -1.3% | Other | 1.7% | 5.2% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 288 | 16.5% | 25.8% | NW | 112 | 16.5% | 20.5% |
| White | 1,080 | 83.5% | 74.2% | White | 510 | 83.5% | 79.5% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .212 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .556* | sig. | Odds ratio Exp(B) ⁷ : | | .883 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 69.4% | 8.3% | 19.4% | 2.8% | NW | 1 | N/A |
| Hispanic | 53.4% | 3.4% | 39.8% | 3.4% | White | 0 | N/A |
| White | 77.2% | 5.3% | 13.7% | 3.8% | | | |
| Other | 83.3% | 8.3% | 8.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DOVER POLICE DEPARTMENT

| Total Citations ¹ : 318 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 11.8% | Citations per 1000 | |
| | Passing through: | 88.2% | 18 + residents: | 71.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 297) | | | | ITP Stops ³ (N = 127) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.35 | | | | 36.36 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.7% | | | | Female 34.7% | | | |
| Male 61.0% | | | | Male 65.3% | | | |
| Non-binary 0.3% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.7% | | | | Race % Mis/Unk ⁴ 1.6% | | | |
| AA/Black 7.1% | | | | AA/Black 7.2% | | | |
| Hispanic 9.2% | | | | Hispanic 12.0% | | | |
| White 78.6% | | | | White 76.8% | | | |
| Other 5.1% | | | | Other 4.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.1% | 0.0% | 7.1% | AA/Black | 7.1% | 14.5% | -7.4% |
| Hispanic | 9.2% | 3.1% | 6.1% | Hispanic | 9.2% | 15.2% | -6.0% |
| White | 78.6% | 84.8% | -6.2% | White | 78.6% | 65.1% | 13.5% |
| Other | 5.1% | 12.4% | -7.3% | Other | 5.1% | 5.2% | -0.1% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 60 | 18.1% | 36.7% | NW | 26 | 14.0% | 51.9% |
| White | 221 | 81.9% | 63.3% | White | 87 | 86.0% | 48.1% |
| Chi-square, X-tab ⁶ : .004* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .350* sig. | | | | Odds ratio Exp(B) ⁷ : .094* sig. | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 45.8% | 16.7% | 33.3% | 4.2% | NW | 0 | N/A |
| Hispanic | 57.1% | 7.1% | 32.1% | 3.6% | White | 0 | N/A |
| White | 76.5% | 10.1% | 9.3% | 4.0% | | | |
| Other | 70.6% | 23.5% | 5.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DRACUT POLICE DEPARTMENT

| Total Citations ¹ : 282 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 41.6% | Citations per 1000 | |
| | Passing through: | 58.4% | 18 + residents: | 11.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 243) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.83 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 33.1% | | | | Female N/A | | | |
| Male 66.5% | | | | Male N/A | | | |
| Non-binary 0.4% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.1% | | | | Race % Mis/Unk ⁴ 12.0% | | | |
| AA/Black 11.3% | | | | AA/Black N/A | | | |
| Hispanic 20.6% | | | | Hispanic N/A | | | |
| White 61.3% | | | | White N/A | | | |
| Other 6.7% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.3% | 4.5% | 6.8% | AA/Black | 11.3% | 14.5% | -3.2% |
| Hispanic | 20.6% | 6.6% | 14.0% | Hispanic | 20.6% | 15.2% | 5.4% |
| White | 61.3% | 83.4% | -22.1% | White | 61.3% | 65.1% | -3.8% |
| Other | 6.7% | 6.1% | 0.6% | Other | 6.7% | 5.2% | 1.5% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 82 | 33.8% | 48.6% | NW | N/A | N/A | N/A |
| White | 129 | 66.2% | 51.4% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .037* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .602 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶*Sig.* Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 47.1% | 20.6% | 23.5% | 8.8% | NW | 1 | N/A |
| Hispanic | 71.2% | 17.3% | 5.8% | 5.8% | White | 2 | N/A |
| White | 64.7% | 19.4% | 9.4% | 6.5% | | | |
| Other | 61.1% | 38.9% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .067 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DUDLEY POLICE DEPARTMENT

| Total Citations ¹ : 401 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 27.0% | Citations per 1000 | |
| | Passing through: | 73.0% | 18 + residents: | 43 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 366) | | | | ITP Stops ³ (N = 145) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 32.32 | | | | 32.42 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.2% | | | | Female 32.4% | | | |
| Male 60.3% | | | | Male 66.9% | | | |
| Non-binary 0.5% | | | | Non-binary 0.7% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 2.1% | | | |
| AA/Black 4.2% | | | | AA/Black 4.2% | | | |
| Hispanic 16.6% | | | | Hispanic 23.2% | | | |
| White 78.7% | | | | White 71.8% | | | |
| Other 0.6% | | | | Other 0.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.2% | 2.0% | 2.2% | AA/Black | 4.2% | 14.5% | -10.3% |
| Hispanic | 16.6% | 3.6% | 13.0% | Hispanic | 16.6% | 15.2% | 1.4% |
| White | 78.7% | 88.4% | -9.7% | White | 78.7% | 65.1% | 13.6% |
| Other | 0.6% | 6.2% | -5.6% | Other | 0.6% | 5.2% | -4.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 72 | 17.0% | 36.8% | NW | N/A | N/A | N/A |
| White | 272 | 83.0% | 63.2% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .246* sig. | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 38.9% | 16.7% | 44.4% | 0.0% | NW | 0 | N/A |
| Hispanic | 25.4% | 20.6% | 46.0% | 7.9% | White | 1 | N/A |
| White | 52.9% | 20.2% | 23.4% | 3.5% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .002* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DUNSTABLE POLICE DEPARTMENT

| Total Citations ¹ : 462 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 5.1% | Citations per 1000 | |
| | Passing through: | 94.9% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 451) | | | | ITP Stops ³ (N = 209) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.01 | | | | 34.47 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.5% | | | | Female 25.5% | | | |
| Male 72.5% | | | | Male 74.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 0.5% | | | |
| AA/Black 3.4% | | | | AA/Black 1.9% | | | |
| Hispanic 16.6% | | | | Hispanic 18.8% | | | |
| White 71.4% | | | | White 70.7% | | | |
| Other 8.7% | | | | Other 8.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.4% | N/A | N/A | AA/Black | 3.4% | 14.5% | -11.1% |
| Hispanic | 16.6% | N/A | N/A | Hispanic | 16.6% | 15.2% | 1.4% |
| White | 71.4% | N/A | N/A | White | 71.4% | 65.1% | 6.3% |
| Other | 8.7% | N/A | N/A | Other | 8.7% | 5.2% | 3.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 124 | 27.4% | 34.3% | NW | 57 | 25.7% | 42.6% |
| White | 304 | 72.6% | 65.7% | White | 134 | 74.3% | 57.4% |
| Chi-square, X-tab ⁶ : .179 not sig. | | | | Chi-square, X-tab ⁶ : .028* sig. | | | |
| Odds ratio Exp(B) ⁷ : .674 not sig. | | | | Odds ratio Exp(B) ⁷ : .338* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 37.5% | 6.3% | 56.3% | 0.0% | NW | 2 | N/A |
| Hispanic | 22.7% | 16.0% | 57.3% | 4.0% | White | 1 | N/A |
| White | 42.1% | 32.3% | 25.3% | 0.3% | | | |
| Other | 30.8% | 51.3% | 17.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

DUXBURY POLICE DEPARTMENT

| Total Citations ¹ : 669 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 23.5% | Citations per 1000 | |
| | Passing through: | 76.5% | 18 + residents: | 56.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 621) | | | | ITP Stops ³ (N = 223) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.27 | | | | 35.6 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.3% | | | | Female 36.5% | | | |
| Male 64.6% | | | | Male 63.5% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 4.5% | | | | AA/Black 4.6% | | | |
| Hispanic 3.3% | | | | Hispanic 4.1% | | | |
| White 91.7% | | | | White 90.9% | | | |
| Other 0.5% | | | | Other 0.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.5% | 0.8% | 3.7% | AA/Black | 4.5% | 14.5% | -10.0% |
| Hispanic | 3.3% | 0.9% | 2.4% | Hispanic | 3.3% | 15.2% | -11.9% |
| White | 91.7% | 95.5% | -3.8% | White | 91.7% | 65.1% | 26.6% |
| Other | 0.5% | 2.9% | -2.4% | Other | 0.5% | 5.2% | -4.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 45 | 8.1% | 7.7% | NW | 18 | 8.5% | 10.8% |
| White | 519 | 91.9% | 92.3% | White | 176 | 91.5% | 89.2% |
| Chi-square, X-tab ⁶ : .876 not sig. | | | | Chi-square, X-tab ⁶ : .611 not sig. | | | |
| Odds ratio Exp(B) ⁷ : 1.112 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.075 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 51.7% | 17.2% | 27.6% | 3.4% | NW | 0 | N/A |
| Hispanic | 36.4% | 9.1% | 54.5% | 0.0% | White | 2 | N/A |
| White | 67.0% | 16.1% | 14.1% | 2.8% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EAST BRIDGEWATER POLICE DEPARTMENT

| Total Citations ¹ : 2,493 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 16.9% | Citations per 1000 | |
| | Passing through: | 83.1% | 18 + residents: | 230.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,470) | | | | ITP Stops ³ (N = 655) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.66 | | | | 36.89 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.6% | | | | Female 35.4% | | | |
| Male 64.4% | | | | Male 64.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.1% | | | | Race % Mis/Unk ⁴ 1.7% | | | |
| AA/Black 19.4% | | | | AA/Black 17.1% | | | |
| Hispanic 5.3% | | | | Hispanic 5.3% | | | |
| White 74.2% | | | | White 77.0% | | | |
| Other 1.1% | | | | Other 0.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 19.4% | 3.9% | 15.5% | AA/Black | 19.4% | 14.5% | 4.9% |
| Hispanic | 5.3% | 2.1% | 3.2% | Hispanic | 5.3% | 15.2% | -9.9% |
| White | 74.2% | 88.0% | -13.8% | White | 74.2% | 65.1% | 9.1% |
| Other | 1.1% | 4.4% | -3.3% | Other | 1.1% | 5.2% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 593 | 24.7% | 29.7% | NW | 131 | 21.1% | 26.3% |
| White | 1,714 | 75.3% | 70.3% | White | 456 | 78.9% | 73.7% |
| Chi-square, X-tab ⁶ : | | .028* | sig. | Chi-square, X-tab ⁶ : | | .204 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .849 | not sig. | Odds ratio Exp(B) ⁷ : | | .814 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.0% | 9.9% | 26.8% | 3.2% | NW | 7 | N/A |
| Hispanic | 50.4% | 11.8% | 33.1% | 4.7% | White | 4 | N/A |
| White | 75.8% | 11.3% | 11.1% | 1.7% | | | |
| Other | 53.8% | 19.2% | 26.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EAST BROOKFIELD POLICE DEPARTMENT

| Total Citations ¹ : 849 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 6.6% | Citations per 1000 | |
| | Passing through: | 93.4% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 838) | | | | ITP Stops ³ (N = 373) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.92 | | | | 37.68 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.4% | | | | Female 46.2% | | | |
| Male 55.5% | | | | Male 53.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 3.7% | | | | Race % Mis/Unk ⁴ 4.8% | | | |
| AA/Black 3.1% | | | | AA/Black 3.4% | | | |
| Hispanic 3.8% | | | | Hispanic 5.1% | | | |
| White 90.3% | | | | White 89.9% | | | |
| Other 2.7% | | | | Other 1.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.1% | N/A | N/A | AA/Black | 3.1% | 14.5% | -11.4% |
| Hispanic | 3.8% | N/A | N/A | Hispanic | 3.8% | 15.2% | -11.4% |
| White | 90.3% | N/A | N/A | White | 90.3% | 65.1% | 25.2% |
| Other | 2.7% | N/A | N/A | Other | 2.7% | 5.2% | -2.5% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 75 | 8.4% | 15.1% | NW | 33 | 9.7% | 13.4% |
| White | 691 | 91.6% | 84.9% | White | 282 | 90.3% | 86.6% |
| Chi-square, X-tab ⁶ : .011* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .373 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .548* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.133 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|---------------|--------------|-------------|--------------|-------|----------|------------|
| AA/Black | 76.0% | 16.0% | 8.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 81.3% | 3.1% | 3.1% | 12.5% | White | 7 | N/A |
| White | 86.3% | 9.3% | 2.8% | 1.5% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EAST LONGMEADOW POLICE DEPARTMENT

| Total Citations ¹ : 298 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 13.8% | Citations per 1000 | |
| | Passing through: | 86.2% | 18 + residents: | 23.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 247) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.21 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 31.8% | | | | Female N/A | | | |
| Male 68.2% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 18.3% | | | | AA/Black N/A | | | |
| Hispanic 3.4% | | | | Hispanic N/A | | | |
| White 77.0% | | | | White N/A | | | |
| Other 1.3% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 18.3% | 4.7% | 13.6% | AA/Black | 18.3% | 14.5% | 3.8% |
| Hispanic | 3.4% | 3.9% | -0.5% | Hispanic | 3.4% | 15.2% | -11.8% |
| White | 77.0% | 85.3% | -8.3% | White | 77.0% | 65.1% | 11.9% |
| Other | 1.3% | 6.2% | -4.9% | Other | 1.3% | 5.2% | -3.9% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 47 | 18.8% | 28.6% | NW | N/A | N/A | N/A |
| White | 167 | 81.3% | 71.4% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .103 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .611 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|---------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 22.2% | 7.4% | 59.3% | 11.1% | NW | 2 | N/A |
| Hispanic | 18.2% | 18.2% | 63.6% | 0.0% | White | 5 | N/A |
| White | 47.7% | 11.0% | 37.2% | 4.1% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .004* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EASTHAM POLICE DEPARTMENT

| Total Citations ¹ : 926 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 10.1% | Citations per 1000 | |
| | Passing through: | 89.9% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 859) | | | | ITP Stops ³ (N = 309) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.27 | | | | 38.41 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.0% | | | | Female 31.6% | | | |
| Male 66.0% | | | | Male 68.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 7.3% | | | | AA/Black 9.5% | | | |
| Hispanic 6.7% | | | | Hispanic 7.8% | | | |
| White 82.3% | | | | White 80.1% | | | |
| Other 3.8% | | | | Other 2.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.3% | N/A | N/A | AA/Black | 7.3% | 14.5% | -7.2% |
| Hispanic | 6.7% | N/A | N/A | Hispanic | 6.7% | 15.2% | -8.5% |
| White | 82.3% | N/A | N/A | White | 82.3% | 65.1% | 17.2% |
| Other | 3.8% | N/A | N/A | Other | 3.8% | 5.2% | -1.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 140 | 16.9% | 17.0% | NW | 50 | 19.6% | 10.5% |
| White | 686 | 83.1% | 83.0% | White | 231 | 80.4% | 89.5% |
| Chi-square, X-tab ⁶ : .980 not sig. | | | | Chi-square, X-tab ⁶ : .108 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .980 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.912 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 84.8% | 7.6% | 3.0% | 4.5% | NW | 0 | N/A |
| Hispanic | 63.3% | 13.3% | 23.3% | 0.0% | White | 0 | N/A |
| White | 88.0% | 5.7% | 5.0% | 1.3% | | | |
| Other | 84.8% | 9.1% | 6.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EASTHAMPTON POLICE DEPARTMENT

| Total Citations ¹ : 872 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 40.1% | Citations per 1000 | |
| | Passing through: | 59.9% | 18 + residents: | 65 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 820) | | | | ITP Stops ³ (N = 274) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.8 | | | | 36.21 | | | |
| Gender % | | | | Gender % | | | |
| Female 45.5% | | | | Female 38.7% | | | |
| Male 54.2% | | | | Male 60.9% | | | |
| Non-binary 0.2% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 2.8% | | | | Race % Mis/Unk ⁴ 3.3% | | | |
| AA/Black 4.6% | | | | AA/Black 4.2% | | | |
| Hispanic 11.9% | | | | Hispanic 14.0% | | | |
| White 81.2% | | | | White 80.4% | | | |
| Other 2.3% | | | | Other 1.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.6% | 1.9% | 2.7% | AA/Black | 4.6% | 14.5% | -9.9% |
| Hispanic | 11.9% | 4.5% | 7.4% | Hispanic | 11.9% | 15.2% | -3.3% |
| White | 81.2% | 89.2% | -8.0% | White | 81.2% | 65.1% | 16.1% |
| Other | 2.3% | 5.0% | -2.7% | Other | 2.3% | 5.2% | -2.9% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 143 | 15.7% | 28.0% | NW | 45 | 17.5% | 22.4% |
| White | 625 | 84.3% | 72.0% | White | 193 | 82.5% | 77.6% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .391 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .442* | sig. | Odds ratio Exp(B) ⁷ : | | .593 | not sig. |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 54.1% | 21.6% | 24.3% | 0.0% | NW | 1 | N/A |
| Hispanic | 38.6% | 30.7% | 26.7% | 4.0% | White | 0 | N/A |
| White | 64.2% | 23.3% | 10.4% | 2.2% | | | |
| Other | 63.2% | 26.3% | 10.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EASTON POLICE DEPARTMENT

| Total Citations ¹ : 1,277 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 0.1% | Citations per 1000 | |
| | Passing through: | 99.9% | 18 + residents: | 64.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,060) | | | | ITP Stops ³ (N = 338) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.63 | | | | 37.28 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.4% | | | | Female 29.6% | | | |
| Male 62.6% | | | | Male 70.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.9% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 25.2% | | | | AA/Black 22.3% | | | |
| Hispanic 2.1% | | | | Hispanic 1.8% | | | |
| White 70.7% | | | | White 74.4% | | | |
| Other 2.0% | | | | Other 1.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 25.2% | 4.2% | 21.0% | AA/Black | 25.2% | 14.5% | 10.7% |
| Hispanic | 2.1% | 3.0% | -0.9% | Hispanic | 2.1% | 15.2% | -13.1% |
| White | 70.7% | 88.1% | -17.4% | White | 70.7% | 65.1% | 5.6% |
| Other | 2.0% | 3.8% | -1.8% | Other | 2.0% | 5.2% | -3.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 284 | 26.5% | 37.2% | NW | 78 | 26.5% | 25.7% |
| White | 680 | 73.5% | 62.8% | White | 220 | 73.5% | 74.3% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .885 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .612* sig. | | | | Odds ratio Exp(B) ⁷ : .907 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 42.5% | 27.8% | 25.2% | 4.6% | NW | 2 | N/A |
| Hispanic | 17.2% | 24.1% | 55.2% | 3.4% | White | 9 | N/A |
| White | 56.4% | 27.9% | 12.6% | 3.1% | | | |
| Other | 60.9% | 26.1% | 4.3% | 8.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EDGARTOWN POLICE DEPARTMENT

| Total Citations ¹ : 153 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 45.0% | Citations per 1000 | |
| | Passing through: | 55.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 100) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.83 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 20.2% | | | | Female N/A | | | |
| Male 79.8% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 7.0% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 6.5% | | | | AA/Black N/A | | | |
| Hispanic 0.0% | | | | Hispanic N/A | | | |
| White 92.5% | | | | White N/A | | | |
| Other 1.1% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.5% | N/A | N/A | AA/Black | 6.5% | 14.5% | -8.0% |
| Hispanic | 0.0% | N/A | N/A | Hispanic | 0.0% | 15.2% | -15.2% |
| White | 92.5% | N/A | N/A | White | 92.5% | 65.1% | 27.4% |
| Other | 1.1% | N/A | N/A | Other | 1.1% | 5.2% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|---------------|--------------|--------------|----------|----------|------------|
| AA/Black | 0.0% | 36.4% | 27.3% | 36.4% | NW | 0 | N/A |
| Hispanic | 0.0% | 0.0% | 0.0% | 0.0% | White | 3 | N/A |
| White | 15.0% | 26.3% | 42.1% | 16.5% | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .281 | not sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EGREMONT POLICE DEPARTMENT

| Total Citations ¹ : 148 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 14.5% | Citations per 1000 | |
| | Passing through: | 85.5% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 138) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.54 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 39.9% | | | | Female N/A | | | |
| Male 60.1% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 4.3% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 4.5% | | | | AA/Black N/A | | | |
| Hispanic 0.8% | | | | Hispanic N/A | | | |
| White 93.9% | | | | White N/A | | | |
| Other 0.8% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.5% | N/A | N/A | AA/Black | 4.5% | 14.5% | -10.0% |
| Hispanic | 0.8% | N/A | N/A | Hispanic | 0.8% | 15.2% | -14.4% |
| White | 93.9% | N/A | N/A | White | 93.9% | 65.1% | 28.8% |
| Other | 0.8% | N/A | N/A | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|---------------|----------------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 12.5% | 12.5% | 62.5% | 12.5% | NW | 0 | N/A |
| Hispanic | 0.0% | 0.0% | 100.0% | 0.0% | White | 2 | N/A |
| White | 30.5% | 38.9% | 18.3% | 12.2% | | | |
| Other | 0.0% | 50.0% | 0.0% | 50.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .061 <i>not sig.</i> | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ERVING POLICE DEPARTMENT

| Total Citations ¹ : 279 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 6.0% | Citations per 1000 | |
| | Passing through: | 94.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 268) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.72 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 34.8% | | | | Female N/A | | | |
| Male 64.8% | | | | Male N/A | | | |
| Non-binary 0.4% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 0.0% | | | | Race % Mis/Unk ⁴ 12.0% | | | |
| AA/Black 5.6% | | | | AA/Black N/A | | | |
| Hispanic 4.5% | | | | Hispanic N/A | | | |
| White 87.3% | | | | White N/A | | | |
| Other 2.6% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.6% | N/A | N/A | AA/Black | 5.6% | 14.5% | -8.9% |
| Hispanic | 4.5% | N/A | N/A | Hispanic | 4.5% | 15.2% | -10.7% |
| White | 87.3% | N/A | N/A | White | 87.3% | 65.1% | 22.2% |
| Other | 2.6% | N/A | N/A | Other | 2.6% | 5.2% | -2.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 32 | 9.9% | 16.7% | NW | N/A | N/A | N/A |
| White | 225 | 90.1% | 83.3% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .114 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .546 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 20.0% | 20.0% | 40.0% | 20.0% | NW | 1 | N/A |
| Hispanic | 15.4% | 15.4% | 30.8% | 38.5% | White | 2 | N/A |
| White | 52.9% | 25.8% | 17.2% | 4.1% | | | |
| Other | 42.9% | 28.6% | 14.3% | 14.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ESSEX POLICE DEPARTMENT

| Total Citations ¹ : 1,037 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 20.3% | Citations per 1000 | |
| | Passing through: | 79.7% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,019) | | | | ITP Stops ³ (N = 439) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 42.35 | | | | 41.38 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.3% | | | | Female 29.6% | | | |
| Male 62.5% | | | | Male 70.1% | | | |
| Non-binary 0.2% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 0.8% | | | | Race % Mis/Unk ⁴ 0.9% | | | |
| AA/Black 2.3% | | | | AA/Black 1.8% | | | |
| Hispanic 7.3% | | | | Hispanic 8.7% | | | |
| White 89.2% | | | | White 88.5% | | | |
| Other 1.2% | | | | Other 0.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.3% | N/A | N/A | AA/Black | 2.3% | 14.5% | -12.2% |
| Hispanic | 7.3% | N/A | N/A | Hispanic | 7.3% | 15.2% | -7.9% |
| White | 89.2% | N/A | N/A | White | 89.2% | 65.1% | 24.1% |
| Other | 1.2% | N/A | N/A | Other | 1.2% | 5.2% | -4.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 107 | 10.1% | 15.5% | NW | 48 | 11.7% | 14.7% |
| White | 855 | 89.9% | 84.5% | White | 342 | 88.3% | 85.3% |
| Chi-square, X-tab ⁶ : .034* sig. | | | | Chi-square, X-tab ⁶ : .489 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .607* sig. | | | | Odds ratio Exp(B) ⁷ : .691 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 69.6% | 13.0% | 13.0% | 4.3% | NW | 0 | N/A |
| Hispanic | 36.0% | 20.0% | 40.0% | 4.0% | White | 1 | N/A |
| White | 71.7% | 19.2% | 6.5% | 2.6% | | | |
| Other | 66.7% | 25.0% | 8.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

EVERETT POLICE DEPARTMENT

| Total Citations ¹ : 1,425 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 36.2% | Citations per 1000 | |
| | Passing through: | 63.8% | 18 + residents: | 39.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,263) | | | | ITP Stops ³ (N = 160) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.79 | | | | 34.44 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.1% | | | | Female 30.1% | | | |
| Male 66.7% | | | | Male 69.9% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 18.1% | | | | Race % Mis/Unk ⁴ 18.1% | | | |
| AA/Black 18.6% | | | | AA/Black 13.7% | | | |
| Hispanic 31.1% | | | | Hispanic 35.1% | | | |
| White 42.3% | | | | White 44.3% | | | |
| Other 7.9% | | | | Other 6.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 18.6% | 18.0% | 0.6% | AA/Black | 18.6% | 14.5% | 4.1% |
| Hispanic | 31.1% | 28.3% | 2.8% | Hispanic | 31.1% | 15.2% | 15.9% |
| White | 42.3% | 43.6% | -1.3% | White | 42.3% | 65.1% | -22.8% |
| Other | 7.9% | 14.0% | -6.1% | Other | 7.9% | 5.2% | 2.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 561 | 57.4% | 58.4% | NW | 61 | 60.2% | 34.4% |
| White | 413 | 42.6% | 41.6% | White | 54 | 39.8% | 65.6% |
| Chi-square, X-tab ⁶ : | | .811 | not sig. | Chi-square, X-tab ⁶ : | | .013* | sig. |
| Odds ratio Exp(B) ⁷ : | | .986 | not sig. | Odds ratio Exp(B) ⁷ : | | 2.637 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 32.7% | 38.9% | 24.2% | 4.3% | NW | 27 | N/A |
| Hispanic | 30.8% | 32.1% | 28.7% | 8.4% | White | 25 | N/A |
| White | 40.1% | 32.7% | 21.6% | 5.6% | | | |
| Other | 58.3% | 36.9% | 4.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FAIRHAVEN POLICE DEPARTMENT

| Total Citations ¹ : 750 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 21.7% | Citations per 1000 | |
| | Passing through: | 78.3% | 18 + residents: | 57 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 678) | | | | ITP Stops ³ (N = 219) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.65 | | | | 36.19 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.5% | | | | Female 38.1% | | | |
| Male 60.5% | | | | Male 61.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 3.2% | | | |
| AA/Black 9.0% | | | | AA/Black 10.4% | | | |
| Hispanic 9.2% | | | | Hispanic 8.5% | | | |
| White 81.3% | | | | White 80.7% | | | |
| Other 0.5% | | | | Other 0.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.0% | 0.7% | 8.3% | AA/Black | 9.0% | 14.5% | -5.5% |
| Hispanic | 9.2% | 2.0% | 7.2% | Hispanic | 9.2% | 15.2% | -6.0% |
| White | 81.3% | 90.6% | -9.3% | White | 81.3% | 65.1% | 16.2% |
| Other | 0.5% | 4.7% | -4.2% | Other | 0.5% | 5.2% | -4.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 114 | 18.0% | 18.0% | NW | 32 | 19.0% | 15.3% |
| White | 519 | 82.0% | 82.0% | White | 153 | 81.0% | 84.7% |
| Chi-square, X-tab ⁶ : | | .986 | not sig. | Chi-square, X-tab ⁶ : | | .507 | not sig. |
| Odds ratio Exp(B) ⁷ : | | 1.156 | not sig. | Odds ratio Exp(B) ⁷ : | | .648 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 56.3% | 17.2% | 21.9% | 4.7% | NW | 1 | N/A |
| Hispanic | 31.8% | 16.7% | 40.9% | 10.6% | White | 0 | N/A |
| White | 64.5% | 12.5% | 18.2% | 4.8% | | | |
| Other | 75.0% | 25.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FALL RIVER POLICE DEPARTMENT

| Total Citations ¹ : 2,817 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 67.5% | Citations per 1000 | |
| | Passing through: | 32.5% | 18 + residents: | 39.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,534) | | | | ITP Stops ³ (N = 504) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.76 | | | | 36.34 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.1% | | | | Female 36.1% | | | |
| Male 59.9% | | | | Male 63.7% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 14.0% | | | | Race % Mis/Unk ⁴ 13.9% | | | |
| AA/Black 13.7% | | | | AA/Black 11.3% | | | |
| Hispanic 5.7% | | | | Hispanic 8.3% | | | |
| White 79.2% | | | | White 79.0% | | | |
| Other 1.4% | | | | Other 1.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.7% | 5.9% | 7.8% | AA/Black | 13.7% | 14.5% | -0.8% |
| Hispanic | 5.7% | 10.5% | -4.8% | Hispanic | 5.7% | 15.2% | -9.5% |
| White | 79.2% | 77.2% | 2.0% | White | 79.2% | 65.1% | 14.1% |
| Other | 1.4% | 6.4% | -5.0% | Other | 1.4% | 5.2% | -3.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 237 | 20.2% | 23.1% | NW | 83 | 21.0% | 20.6% |
| White | 902 | 79.8% | 76.9% | White | 315 | 79.0% | 79.4% |
| Chi-square, X-tab ⁶ : .321 not sig. | | | | Chi-square, X-tab ⁶ : .917 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .794 not sig. | | | | Odds ratio Exp(B) ⁷ : .602 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 55.1% | 16.7% | 26.9% | 1.3% | NW | 5 | N/A |
| Hispanic | 44.9% | 23.7% | 29.7% | 1.7% | White | 13 | N/A |
| White | 61.8% | 18.4% | 18.4% | 1.4% | | | |
| Other | 57.1% | 33.3% | 9.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FALMOUTH POLICE DEPARTMENT

| Total Citations ¹ : 1,392 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 12.5% | Citations per 1000 | |
| | Passing through: | 87.5% | 18 + residents: | 52.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,163) | | | | ITP Stops ³ (N = 356) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.27 | | | | 42.07 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.8% | | | | Female 43.1% | | | |
| Male 60.1% | | | | Male 56.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 2.5% | | | |
| AA/Black 8.1% | | | | AA/Black 8.6% | | | |
| Hispanic 4.4% | | | | Hispanic 6.6% | | | |
| White 85.7% | | | | White 82.7% | | | |
| Other 1.7% | | | | Other 2.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.1% | 2.0% | 6.1% | AA/Black | 8.1% | 14.5% | -6.4% |
| Hispanic | 4.4% | 2.5% | 1.9% | Hispanic | 4.4% | 15.2% | -10.8% |
| White | 85.7% | 88.8% | -3.1% | White | 85.7% | 65.1% | 20.6% |
| Other | 1.7% | 5.5% | -3.8% | Other | 1.7% | 5.2% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 162 | 12.1% | 19.5% | NW | 60 | 16.1% | 21.0% |
| White | 931 | 87.9% | 80.5% | White | 253 | 83.9% | 79.0% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .283 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .589* sig. | | | | Odds ratio Exp(B) ⁷ : .920 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 68.8% | 11.6% | 10.7% | 8.9% | NW | 2 | N/A |
| Hispanic | 48.2% | 3.6% | 42.9% | 5.4% | White | 17 | N/A |
| White | 75.0% | 6.9% | 11.8% | 6.4% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FITCHBURG POLICE DEPARTMENT

| Total Citations ¹ : 2,244 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 54.6% | Citations per 1000 | |
| | Passing through: | 45.4% | 18 + residents: | 71.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,541) | | | | ITP Stops ³ (N = 621) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.45 | | | | 36.68 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.6% | | | | Female 37.7% | | | |
| Male 60.4% | | | | Male 62.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.3% | | | | Race % Mis/Unk ⁴ 1.6% | | | |
| AA/Black 11.3% | | | | AA/Black 10.8% | | | |
| Hispanic 24.0% | | | | Hispanic 26.4% | | | |
| White 63.2% | | | | White 61.0% | | | |
| Other 1.5% | | | | Other 1.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.3% | 5.0% | 6.3% | AA/Black | 11.3% | 14.5% | -3.2% |
| Hispanic | 24.0% | 28.8% | -4.8% | Hispanic | 24.0% | 15.2% | 8.8% |
| White | 63.2% | 62.3% | 0.9% | White | 63.2% | 65.1% | -1.9% |
| Other | 1.5% | 7.5% | -6.0% | Other | 1.5% | 5.2% | -3.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 503 | 34.6% | 39.9% | NW | 213 | 45.6% | 36.5% |
| White | 843 | 65.4% | 60.1% | White | 317 | 54.4% | 63.5% |
| Chi-square, X-tab ⁶ : .045* sig. | | | | Chi-square, X-tab ⁶ : .036* sig. | | | |
| Odds ratio Exp(B) ⁷ : .749* sig. | | | | Odds ratio Exp(B) ⁷ : 1.373 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|-------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 80.2% | 3.2% | 13.5% | 3.2% | NW | 10 | N/A |
| Hispanic | 84.1% | 1.6% | 11.6% | 2.8% | White | 16 | N/A |
| White | 86.4% | 3.1% | 9.2% | 1.3% | | | |
| Other | 90.0% | 0.0% | 6.7% | 3.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .051 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FOXBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 2,754 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 22.7% | Citations per 1000 | |
| | Passing through: | 77.3% | 18 + residents: | 191.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,645) | | | | ITP Stops ³ (N = 886) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.5 | | | | 38.16 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.3% | | | | Female 32.2% | | | |
| Male 67.7% | | | | Male 67.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.7% | | | | Race % Mis/Unk ⁴ 0.6% | | | |
| AA/Black 8.6% | | | | AA/Black 8.4% | | | |
| Hispanic 7.4% | | | | Hispanic 8.9% | | | |
| White 80.5% | | | | White 79.5% | | | |
| Other 3.5% | | | | Other 3.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.6% | 6.0% | 2.6% | AA/Black | 8.6% | 14.5% | -5.9% |
| Hispanic | 7.4% | 5.3% | 2.1% | Hispanic | 7.4% | 15.2% | -7.8% |
| White | 80.5% | 83.8% | -3.3% | White | 80.5% | 65.1% | 15.4% |
| Other | 3.5% | 6.9% | -3.4% | Other | 3.5% | 5.2% | -1.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 500 | 18.0% | 23.8% | NW | 171 | 21.6% | 21.3% |
| White | 2,020 | 82.0% | 76.2% | White | 626 | 78.4% | 78.7% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .918 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .635* sig. | | | | Odds ratio Exp(B) ⁷ : .776 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 77.3% | 3.7% | 15.3% | 3.7% | NW | 0 | N/A |
| Hispanic | 58.5% | 7.8% | 26.8% | 6.8% | White | 1 | N/A |
| White | 83.5% | 7.0% | 7.0% | 2.4% | | | |
| Other | 86.0% | 10.8% | 2.2% | 1.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FRAMINGHAM POLICE DEPARTMENT

| Total Citations ¹ : 4,983 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 47.6% | Citations per 1000 | |
| | Passing through: | 52.4% | 18 + residents: | 83.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,493) | | | | ITP Stops ³ (N = 377) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.38 | | | | 39.17 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.5% | | | | Female 37.5% | | | |
| Male 58.4% | | | | Male 62.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 6.3% | | | | Race % Mis/Unk ⁴ 10.9% | | | |
| AA/Black 9.7% | | | | AA/Black 11.9% | | | |
| Hispanic 9.3% | | | | Hispanic 9.5% | | | |
| White 76.0% | | | | White 75.6% | | | |
| Other 4.9% | | | | Other 3.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.7% | 7.3% | 2.4% | AA/Black | 9.7% | 14.5% | -4.8% |
| Hispanic | 9.3% | 16.1% | -6.8% | Hispanic | 9.3% | 15.2% | -5.9% |
| White | 76.0% | 63.0% | 13.0% | White | 76.0% | 65.1% | 10.9% |
| Other | 4.9% | 11.1% | -6.2% | Other | 4.9% | 5.2% | -0.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 976 | 23.8% | 24.7% | NW | 72 | 24.7% | 23.1% |
| White | 3,101 | 76.2% | 75.3% | White | 229 | 75.3% | 76.9% |
| Chi-square, X-tab ⁶ : | | .658 | not sig. | Chi-square, X-tab ⁶ : | | .744 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .960 | not sig. | Odds ratio Exp(B) ⁷ : | | .898 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 78.9% | 9.4% | 10.1% | 1.6% | NW | 3 | N/A |
| Hispanic | 54.5% | 17.5% | 26.7% | 1.3% | White | 11 | N/A |
| White | 70.5% | 13.3% | 14.9% | 1.3% | | | |
| Other | 79.6% | 16.7% | 1.8% | 1.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FRANKLIN POLICE DEPARTMENT

| Total Citations ¹ : 345 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 45.9% | Citations per 1000 | |
| | Passing through: | 54.1% | 18 + residents: | 13.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 294) | | | | ITP Stops ³ (N = 127) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.56 | | | | 36.69 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.3% | | | | Female 32.5% | | | |
| Male 67.7% | | | | Male 67.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.1% | | | | Race % Mis/Unk ⁴ 8.7% | | | |
| AA/Black 5.9% | | | | AA/Black 5.2% | | | |
| Hispanic 7.0% | | | | Hispanic 6.0% | | | |
| White 85.3% | | | | White 87.1% | | | |
| Other 1.8% | | | | Other 1.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.9% | 0.9% | 5.0% | AA/Black | 5.9% | 14.5% | -8.6% |
| Hispanic | 7.0% | 1.6% | 5.4% | Hispanic | 7.0% | 15.2% | -8.2% |
| White | 85.3% | 89.2% | -3.9% | White | 85.3% | 65.1% | 20.2% |
| Other | 1.8% | 8.3% | -6.5% | Other | 1.8% | 5.2% | -3.4% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 37 | 13.7% | 17.5% | NW | N/A | N/A | N/A |
| White | 216 | 86.3% | 82.5% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .462 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .829 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------------|----------|------------|
| AA/Black | 19.0% | 28.6% | 42.9% | 9.5% | NW | 1 | N/A |
| Hispanic | 22.2% | 33.3% | 22.2% | 22.2% | White | 2 | N/A |
| White | 42.7% | 29.6% | 17.2% | 10.5% | | | |
| Other | 66.7% | 16.7% | 0.0% | 16.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .040* | <i>sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

FREETOWN POLICE DEPARTMENT

| Total Citations ¹ : 383 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 19.6% | Citations per 1000 | |
| | Passing through: | 80.4% | 18 + residents: | 51.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 341) | | | | ITP Stops ³ (N = 98) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.17 | | | | 34.94 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.0% | | | | Female 30.9% | | | |
| Male 67.0% | | | | Male 69.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.1% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 15.9% | | | | AA/Black 11.2% | | | |
| Hispanic 4.2% | | | | Hispanic 6.1% | | | |
| White 79.3% | | | | White 81.6% | | | |
| Other 0.6% | | | | Other 1.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 15.9% | 0.5% | 15.4% | AA/Black | 15.9% | 14.5% | 1.4% |
| Hispanic | 4.2% | 3.0% | 1.2% | Hispanic | 4.2% | 15.2% | -11.0% |
| White | 79.3% | 93.1% | -13.8% | White | 79.3% | 65.1% | 14.2% |
| Other | 0.6% | 3.8% | -3.2% | Other | 0.6% | 5.2% | -4.6% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 66 | 16.0% | 32.4% | NW | 17 | 10.2% | 34.4% |
| White | 242 | 84.0% | 67.6% | White | 74 | 89.8% | 65.6% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .005* sig. | | | |
| Odds ratio Exp(B) ⁷ : .385* sig. | | | | Odds ratio Exp(B) ⁷ : .155* sig. | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 23.2% | 16.1% | 57.1% | 3.6% | NW | 0 | N/A |
| Hispanic | 7.1% | 7.1% | 78.6% | 7.1% | White | 1 | N/A |
| White | 38.9% | 22.1% | 36.6% | 2.3% | | | |
| Other | 50.0% | 50.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .010* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GARDNER POLICE DEPARTMENT

| Total Citations ¹ : 553 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 40.1% | Citations per 1000 | |
| | Passing through: | 59.9% | 18 + residents: | 33.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 494) | | | | ITP Stops ³ (N = 129) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.4 | | | | 37.39 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.5% | | | | Female 28.7% | | | |
| Male 59.3% | | | | Male 71.3% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.3% | | | | Race % Mis/Unk ⁴ 5.4% | | | |
| AA/Black 4.2% | | | | AA/Black 5.7% | | | |
| Hispanic 10.4% | | | | Hispanic 11.5% | | | |
| White 84.4% | | | | White 82.0% | | | |
| Other 1.1% | | | | Other 0.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.2% | 2.8% | 1.4% | AA/Black | 4.2% | 14.5% | -10.3% |
| Hispanic | 10.4% | 9.3% | 1.1% | Hispanic | 10.4% | 15.2% | -4.8% |
| White | 84.4% | 81.2% | 3.2% | White | 84.4% | 65.1% | 19.3% |
| Other | 1.1% | 7.5% | -6.4% | Other | 1.1% | 5.2% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 71 | 13.8% | 20.7% | NW | 21 | 18.2% | 18.4% |
| White | 385 | 86.2% | 79.3% | White | 94 | 81.8% | 81.6% |
| Chi-square, X-tab ⁶ : | | .078 | not sig. | Chi-square, X-tab ⁶ : | | .975 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .639 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.029 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 47.8% | 8.7% | 43.5% | 0.0% | NW | 0 | N/A |
| Hispanic | 35.2% | 18.5% | 37.0% | 9.3% | White | 1 | N/A |
| White | 56.2% | 16.6% | 20.4% | 6.9% | | | |
| Other | 50.0% | 33.3% | 16.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .026* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GEORGETOWN POLICE DEPARTMENT

| Total Citations ¹ : 1,033 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 17.5% | Citations per 1000 | |
| | Passing through: | 82.5% | 18 + residents: | 152 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,015) | | | | ITP Stops ³ (N = 314) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.28 | | | | 38.03 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.7% | | | | Female 37.6% | | | |
| Male 58.2% | | | | Male 62.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.5% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 6.0% | | | | AA/Black 3.8% | | | |
| Hispanic 12.3% | | | | Hispanic 12.7% | | | |
| White 78.4% | | | | White 81.2% | | | |
| Other 3.3% | | | | Other 2.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.0% | 0.8% | 5.2% | AA/Black | 6.0% | 14.5% | -8.5% |
| Hispanic | 12.3% | 3.5% | 8.8% | Hispanic | 12.3% | 15.2% | -2.9% |
| White | 78.4% | 93.2% | -14.8% | White | 78.4% | 65.1% | 13.3% |
| Other | 3.3% | 2.8% | 0.5% | Other | 3.3% | 5.2% | -1.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 209 | 10.8% | 33.6% | NW | 50 | 11.2% | 29.9% |
| White | 771 | 89.2% | 66.4% | White | 235 | 88.8% | 70.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .215* sig. | | | | Odds ratio Exp(B) ⁷ : .278* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 79.4% | 4.8% | 15.9% | 0.0% | NW | 1 | N/A |
| Hispanic | 65.9% | 11.9% | 19.0% | 3.2% | White | 4 | N/A |
| White | 80.4% | 12.5% | 5.5% | 1.6% | | | |
| Other | 84.8% | 9.1% | 6.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GLOUCESTER POLICE DEPARTMENT

| Total Citations ¹ : 489 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 62.8% | Citations per 1000 | |
| | Passing through: | 37.2% | 18 + residents: | 19.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 401) | | | | ITP Stops ³ (N = 894) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.71 | | | | 22 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.8% | | | | Female 44.0% | | | |
| Male 63.2% | | | | Male 56.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 9.2% | | | | Race % Mis/Unk ⁴ 12.0% | | | |
| AA/Black 2.7% | | | | AA/Black 25.0% | | | |
| Hispanic 11.8% | | | | Hispanic 5.0% | | | |
| White 84.6% | | | | White 25.0% | | | |
| Other 0.8% | | | | Other 45.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.7% | 1.7% | 1.0% | AA/Black | 2.7% | 14.5% | -11.8% |
| Hispanic | 11.8% | 2.4% | 9.4% | Hispanic | 11.8% | 15.2% | -3.4% |
| White | 84.6% | 91.9% | -7.3% | White | 84.6% | 65.1% | 19.5% |
| Other | 0.8% | 4.2% | -3.4% | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 54 | 14.2% | 19.4% | NW | 65 | 78.0% | 56.0% |
| White | 292 | 85.8% | 80.6% | White | 210 | 22.0% | 44.0% |
| Chi-square, X-tab ⁶ : | | .244 | not sig. | Chi-square, X-tab ⁶ : | | .485 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .931 | not sig. | Odds ratio Exp(B) ⁷ : | | .899 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 40.0% | 0.0% | 60.0% | 0.0% | NW | 1 | N/A |
| Hispanic | 13.0% | 1.9% | 70.4% | 14.8% | White | 5 | N/A |
| White | 38.2% | 15.4% | 32.2% | 14.1% | | | |
| Other | 66.7% | 0.0% | 33.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GRAFTON POLICE DEPARTMENT

| Total Citations ¹ : 1,463 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 15.5% | Citations per 1000 | |
| | Passing through: | 84.5% | 18 + residents: | 102.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,372) | | | | ITP Stops ³ (N = 541) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.64 | | | | 39.62 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.5% | | | | Female 38.0% | | | |
| Male 58.3% | | | | Male 61.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 2.4% | | | |
| AA/Black 3.7% | | | | AA/Black 3.2% | | | |
| Hispanic 7.5% | | | | Hispanic 6.6% | | | |
| White 83.8% | | | | White 86.0% | | | |
| Other 5.1% | | | | Other 4.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.7% | 3.1% | 0.6% | AA/Black | 3.7% | 14.5% | -10.8% |
| Hispanic | 7.5% | 6.3% | 1.2% | Hispanic | 7.5% | 15.2% | -7.7% |
| White | 83.8% | 78.9% | 4.9% | White | 83.8% | 65.1% | 18.7% |
| Other | 5.1% | 11.7% | -6.6% | Other | 5.1% | 5.2% | -0.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 206 | 13.2% | 25.6% | NW | 62 | 12.6% | 15.7% |
| White | 1,061 | 86.8% | 74.4% | White | 393 | 87.4% | 84.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .362 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .449* sig. | | | | Odds ratio Exp(B) ⁷ : 1.053 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 80.4% | 3.6% | 16.1% | 0.0% | NW | 1 | N/A |
| Hispanic | 61.6% | 5.4% | 26.8% | 6.3% | White | 3 | N/A |
| White | 87.8% | 5.8% | 4.5% | 1.9% | | | |
| Other | 84.7% | 11.1% | 4.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GRANBY POLICE DEPARTMENT

| Total Citations ¹ : 913 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 8.2% | Citations per 1000 | |
| | Passing through: | 91.8% | 18 + residents: | 174.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 891) | | | | ITP Stops ³ (N = 338) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.2 | | | | 36.93 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.4% | | | | Female 38.1% | | | |
| Male 61.5% | | | | Male 61.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.3% | | | | Race % Mis/Unk ⁴ 3.0% | | | |
| AA/Black 9.7% | | | | AA/Black 8.5% | | | |
| Hispanic 9.4% | | | | Hispanic 9.8% | | | |
| White 78.0% | | | | White 79.0% | | | |
| Other 2.9% | | | | Other 2.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.7% | 1.0% | 8.7% | AA/Black | 9.7% | 14.5% | -4.8% |
| Hispanic | 9.4% | 3.9% | 5.5% | Hispanic | 9.4% | 15.2% | -5.8% |
| White | 78.0% | 92.2% | -14.2% | White | 78.0% | 65.1% | 12.9% |
| Other | 2.9% | 2.1% | 0.8% | Other | 2.9% | 5.2% | -2.3% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 181 | 17.7% | 29.8% | NW | 62 | 16.5% | 27.9% |
| White | 645 | 82.3% | 70.2% | White | 242 | 83.5% | 72.1% |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .019* <i>sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .555* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .473 <i>not sig.</i> | | | |

⁶*Sig.* Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 83.9% | 9.2% | 6.9% | 0.0% | NW | 1 | N/A |
| Hispanic | 85.0% | 6.3% | 8.8% | 0.0% | White | 2 | N/A |
| White | 83.7% | 10.4% | 5.1% | 0.7% | | | |
| Other | 92.0% | 0.0% | 8.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .579 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GRANVILLE POLICE DEPARTMENT

| Total Citations ¹ : 589 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | | | |
|--|-------------------------------|----------------------|-----------------|-----------------------------------|--------------------------------------|-------------------|----------------------|-----------------|----------|----------|
| | Intown motorist: 18.9% | | | Citations per 1000 | | | | | | |
| | Passing through: 81.1% | | | 18 + residents: N/A | | | | | | |
| ¹ Total citations issued by department, <u>including</u> multiple-citation encounters and crashes | | | | | | | | | | |
| All Stops ² (N = 587) | | | | | ITP Stops ³ (N = 354) | | | | | |
| Mean age | | | | | Mean age | | | | | |
| 40.42 | | | | | 40.25 | | | | | |
| Gender % | | | | | Gender % | | | | | |
| Female | | 31.1% | | | Female | | 26.1% | | | |
| Male | | 68.9% | | | Male | | 73.9% | | | |
| Non-binary | | 0.0% | | | Non-binary | | 0.0% | | | |
| Race % | | Mis/Unk ⁴ | 2.6% | | Race % | | Mis/Unk ⁴ | 2.5% | | |
| AA/Black | | 1.6% | | | AA/Black | | 0.6% | | | |
| Hispanic | | 2.6% | | | Hispanic | | 3.5% | | | |
| White | | 94.8% | | White | | 95.4% | | | | |
| Other | | 1.0% | | Other | | 0.6% | | | | |
| ² Total unique stop incidents by department, <u>excluding</u> multiple-citation encounters and crashes | | | | | | | | | | |
| ³ <u>Only</u> those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | | | |
| Comparative Analyses | | | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif | | |
| AA/Black | 1.6% | N/A | N/A | | AA/Black | 1.6% | 14.5% | -12.9% | | |
| Hispanic | 2.6% | N/A | N/A | | Hispanic | 2.6% | 15.2% | -12.6% | | |
| White | 94.8% | N/A | N/A | | White | 94.8% | 65.1% | 29.7% | | |
| Other | 1.0% | N/A | N/A | | Other | 1.0% | 5.2% | -4.2% | | |
| ⁵ State average represents racial/ethnic breakdown of <i>all</i> 2022 stops by <i>all</i> MA departments | | | | | | | | | | |
| VoD Analyses | | | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | | | |
| Race | | N | Daylight | | Darkness | Race | | N | Daylight | Darkness |
| NW | 27 | 5.5% | 3.6% | | NW | 13 | 4.0% | 4.0% | | |
| White | 523 | 94.5% | 96.4% | | White | 310 | 96.0% | 96.0% | | |
| Chi-square, X-tab ⁶ : | | .356 | <i>not sig.</i> | | Chi-square, X-tab ⁶ : | | .986 | <i>not sig.</i> | | |
| Odds ratio Exp(B) ⁷ : | | 1.167 | <i>not sig.</i> | | Odds ratio Exp(B) ⁷ : | | .261 | <i>not sig.</i> | | |
| ⁶ Sig. <i>Chi-square</i> indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone | | | | | | | | | | |
| ⁷ <i>Odds ratio</i> < 1 indicates NW drivers <u>less</u> likely to be stopped during the day than at night; > 1 indicates NW drivers <u>more</u> likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | | | |
| AA/Black | 22.2% | 33.3% | 44.4% | 0.0% | NW | 0 | N/A | | | |
| Hispanic | 46.7% | 20.0% | 33.3% | 0.0% | White | 0 | N/A | | | |
| White | 51.5% | 40.4% | 8.1% | 0.0% | | | | | | |
| Other | 33.3% | 66.7% | 0.0% | 0.0% | | Counts | Percent | | | |
| Chi-square, X-tab ⁶ : | | | | | | .000* <i>sig.</i> | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | | | |

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GREAT BARRINGTON POLICE DEPARTMENT

| Total Citations ¹ : 113 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 37.9% | Citations per 1000 | |
| | Passing through: | 62.1% | 18 + residents: | 19.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 95) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.74 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 27.7% | | | | Female N/A | | | |
| Male 72.3% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 9.5% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 3.5% | | | | AA/Black N/A | | | |
| Hispanic 11.6% | | | | Hispanic N/A | | | |
| White 84.9% | | | | White N/A | | | |
| Other 0.0% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.5% | 2.0% | 1.5% | AA/Black | 3.5% | 14.5% | -11.0% |
| Hispanic | 11.6% | 3.5% | 8.1% | Hispanic | 11.6% | 15.2% | -3.6% |
| White | 84.9% | 87.7% | -2.8% | White | 84.9% | 65.1% | 19.8% |
| Other | 0.0% | 7.1% | -7.1% | Other | 0.0% | 5.2% | -5.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 13 | 10.2% | 26.7% | NW | N/A | N/A | N/A |
| White | 66 | 89.8% | 73.3% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .055 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .385 | not sig. | Odds ratio Exp(B) ⁷ : | | .899 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|---------------|--------------|-------|----------|------------|
| AA/Black | 20.0% | 40.0% | 40.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 18.2% | 9.1% | 27.3% | 45.5% | White | 0 | N/A |
| White | 23.0% | 15.0% | 49.4% | 12.6% | | | |
| Other | 0.0% | 0.0% | 100.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .200 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GREENFIELD POLICE DEPARTMENT

| Total Citations ¹ : 1,081 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 48.9% | Citations per 1000 | |
| | Passing through: | 51.1% | 18 + residents: | 227.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 933) | | | | ITP Stops ³ (N = 248) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.7 | | | | 41.39 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.6% | | | | Female 39.3% | | | |
| Male 58.0% | | | | Male 60.7% | | | |
| Non-binary 0.4% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 4.2% | | | | AA/Black 4.5% | | | |
| Hispanic 5.0% | | | | Hispanic 5.3% | | | |
| White 89.6% | | | | White 88.2% | | | |
| Other 1.2% | | | | Other 2.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.2% | 0.2% | 4.0% | AA/Black | 4.2% | 14.5% | -10.3% |
| Hispanic | 5.0% | 1.4% | 3.6% | Hispanic | 5.0% | 15.2% | -10.2% |
| White | 89.6% | 91.0% | -1.4% | White | 89.6% | 65.1% | 24.5% |
| Other | 1.2% | 7.5% | -6.3% | Other | 1.2% | 5.2% | -4.0% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 93 | 7.6% | 14.2% | NW | 26 | 9.9% | 15.2% |
| White | 765 | 92.4% | 85.8% | White | 180 | 90.1% | 84.8% |
| Chi-square, X-tab ⁶ : | | .002 * | sig. | Chi-square, X-tab ⁶ : | | .249 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .521 * | sig. | Odds ratio Exp(B) ⁷ : | | .487 | not sig. |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 72.0% | 2.0% | 16.0% | 10.0% | NW | 3 | N/A |
| Hispanic | 66.0% | 8.5% | 19.1% | 6.4% | White | 15 | N/A |
| White | 85.0% | 3.2% | 8.0% | 3.8% | | | |
| Other | 83.3% | 8.3% | 8.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .008 * | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GROTON POLICE DEPARTMENT

| Total Citations ¹ : 1,977 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 21.6% | Citations per 1000 | |
| | Passing through: | 78.4% | 18 + residents: | 227.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,933) | | | | ITP Stops ³ (N = 1,049) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.12 | | | | 39.1 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.1% | | | | Female 39.0% | | | |
| Male 58.9% | | | | Male 61.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 3.8% | | | | AA/Black 3.8% | | | |
| Hispanic 5.2% | | | | Hispanic 5.9% | | | |
| White 85.5% | | | | White 84.6% | | | |
| Other 5.5% | | | | Other 5.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.8% | 0.2% | 3.6% | AA/Black | 3.8% | 14.5% | -10.7% |
| Hispanic | 5.2% | 1.4% | 3.8% | Hispanic | 5.2% | 15.2% | -10.0% |
| White | 85.5% | 91.0% | -5.5% | White | 85.5% | 65.1% | 20.4% |
| Other | 5.5% | 7.5% | -2.0% | Other | 5.5% | 5.2% | 0.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 263 | 13.3% | 18.7% | NW | 147 | 15.2% | 16.7% |
| White | 1,552 | 86.7% | 81.3% | White | 798 | 84.8% | 83.3% |
| Chi-square, X-tab ⁶ : .007* sig. | | | | Chi-square, X-tab ⁶ : .578 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .648* sig. | | | | Odds ratio Exp(B) ⁷ : .779 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 77.0% | 10.8% | 9.5% | 2.7% | NW | 0 | N/A |
| Hispanic | 66.3% | 8.9% | 21.8% | 3.0% | White | 0 | N/A |
| White | 85.7% | 8.2% | 4.8% | 1.3% | | | |
| Other | 81.0% | 12.4% | 6.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

GROVELAND POLICE DEPARTMENT

| Total Citations ¹ : 382 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 11.5% | Citations per 1000 | |
| | Passing through: | 88.5% | 18 + residents: | 70 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 373) | | | | ITP Stops ³ (N = 122) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.15 | | | | 36.25 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.0% | | | | Female 29.1% | | | |
| Male 66.0% | | | | Male 70.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 6.7% | | | | Race % Mis/Unk ⁴ 2.5% | | | |
| AA/Black 3.7% | | | | AA/Black 1.7% | | | |
| Hispanic 15.2% | | | | Hispanic 16.8% | | | |
| White 79.0% | | | | White 77.3% | | | |
| Other 2.0% | | | | Other 4.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.7% | 0.0% | 3.7% | AA/Black | 3.7% | 14.5% | -10.8% |
| Hispanic | 15.2% | 3.2% | 12.0% | Hispanic | 15.2% | 15.2% | 0.0% |
| White | 79.0% | 95.9% | -16.9% | White | 79.0% | 65.1% | 13.9% |
| Other | 2.0% | 1.3% | 0.7% | Other | 2.0% | 5.2% | -3.2% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 73 | 18.3% | 33.3% | NW | 27 | 22.2% | 28.0% |
| White | 269 | 81.7% | 66.7% | White | 88 | 77.8% | 72.0% |
| Chi-square, X-tab ⁶ : | | .007* | sig. | Chi-square, X-tab ⁶ : | | .547 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .394* | sig. | Odds ratio Exp(B) ⁷ : | | .741 | not sig. |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 61.5% | 15.4% | 23.1% | 0.0% | NW | 0 | N/A |
| Hispanic | 39.6% | 13.2% | 41.5% | 5.7% | White | 0 | N/A |
| White | 63.8% | 19.5% | 14.5% | 2.1% | | | |
| Other | 57.1% | 28.6% | 14.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .002* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HADLEY POLICE DEPARTMENT

| Total Citations ¹ : 920 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 6.5% | Citations per 1000 | |
| | Passing through: | 93.5% | 18 + residents: | 205.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 882) | | | | ITP Stops ³ (N = 235) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 32.78 | | | | 33.54 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.3% | | | | Female 37.2% | | | |
| Male 63.7% | | | | Male 62.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 0.9% | | | |
| AA/Black 12.9% | | | | AA/Black 12.0% | | | |
| Hispanic 9.6% | | | | Hispanic 9.4% | | | |
| White 71.2% | | | | White 72.5% | | | |
| Other 6.3% | | | | Other 6.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.9% | 7.9% | 5.0% | AA/Black | 12.9% | 14.5% | -1.6% |
| Hispanic | 9.6% | 2.3% | 7.3% | Hispanic | 9.6% | 15.2% | -5.6% |
| White | 71.2% | 84.6% | -13.4% | White | 71.2% | 65.1% | 6.1% |
| Other | 6.3% | 5.7% | 0.6% | Other | 6.3% | 5.2% | 1.1% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 236 | 23.7% | 32.9% | NW | 54 | 28.2% | 22.8% |
| White | 587 | 76.3% | 67.1% | White | 155 | 71.8% | 77.2% |
| Chi-square, X-tab ⁶ : .004* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .378 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .668* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.376 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 55.4% | 11.6% | 27.3% | 5.8% | NW | 6 | N/A |
| Hispanic | 46.1% | 10.1% | 24.7% | 19.1% | White | 10 | N/A |
| White | 72.8% | 10.6% | 10.9% | 5.6% | | | |
| Other | 61.8% | 20.0% | 12.7% | 5.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HALIFAX POLICE DEPARTMENT

| Total Citations ¹ : 404 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 6.3% | Citations per 1000 | |
| | Passing through: | 93.7% | 18 + residents: | 65.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 394) | | | | ITP Stops ³ (N = 115) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.68 | | | | 35.79 | | | |
| Gender % | | | | Gender % | | | |
| Female 24.6% | | | | Female 29.4% | | | |
| Male 75.4% | | | | Male 70.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 69.8% | | | | Race % Mis/Unk ⁴ 67.8% | | | |
| AA/Black 0.8% | | | | AA/Black 24.3% | | | |
| Hispanic 16.8% | | | | Hispanic 0.0% | | | |
| White 81.5% | | | | White 75.7% | | | |
| Other 0.8% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 0.8% | 0.0% | 0.8% | AA/Black | 0.8% | 14.5% | -13.7% |
| Hispanic | 16.8% | 2.5% | 14.3% | Hispanic | 16.8% | 15.2% | 1.6% |
| White | 81.5% | 93.0% | -11.5% | White | 81.5% | 65.1% | 16.4% |
| Other | 0.8% | 5.8% | -5.0% | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|---------------|--------------|---------------|-------------|----------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 0.0% | 0.0% | 100.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 20.0% | 55.0% | 25.0% | 0.0% | White | 0 | N/A |
| White | 37.9% | 46.6% | 12.6% | 2.9% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .242 | not sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HAMILTON POLICE DEPARTMENT

| Total Citations ¹ : 512 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 0.8% | Citations per 1000 | |
| | Passing through: | 99.2% | 18 + residents: | 85.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 496) | | | | ITP Stops ³ (N = 243) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.29 | | | | 39.8 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.3% | | | | Female 33.2% | | | |
| Male 62.5% | | | | Male 66.4% | | | |
| Non-binary 0.2% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 1.2% | | | | AA/Black 0.4% | | | |
| Hispanic 4.7% | | | | Hispanic 3.3% | | | |
| White 91.6% | | | | White 93.3% | | | |
| Other 2.4% | | | | Other 2.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 1.2% | 0.3% | 0.9% | AA/Black | 1.2% | 14.5% | -13.3% |
| Hispanic | 4.7% | 1.5% | 3.2% | Hispanic | 4.7% | 15.2% | -10.5% |
| White | 91.6% | 91.0% | 0.6% | White | 91.6% | 65.1% | 26.5% |
| Other | 2.4% | 7.3% | -4.9% | Other | 2.4% | 5.2% | -2.8% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 39 | 7.2% | 14.8% | NW | N/A | N/A | N/A |
| White | 440 | 92.8% | 85.2% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .043* | sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .356* | sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 62.5% | 12.5% | 12.5% | 12.5% | NW | 0 | N/A |
| Hispanic | 56.0% | 4.0% | 40.0% | 0.0% | White | 0 | N/A |
| White | 83.9% | 6.8% | 9.2% | 0.2% | | | |
| Other | 69.3% | 7.7% | 23.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HAMPDEN POLICE DEPARTMENT

| Total Citations ¹ : 256 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 24.2% | Citations per 1000 | |
| | Passing through: | 75.8% | 18 + residents: | 59.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 240) | | | | ITP Stops ³ (N = 111) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.12 | | | | 35.86 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.6% | | | | Female 38.2% | | | |
| Male 62.4% | | | | Male 61.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.4% | | | | Race % Mis/Unk ⁴ 6.3% | | | |
| AA/Black 4.0% | | | | AA/Black 3.8% | | | |
| Hispanic 4.8% | | | | Hispanic 7.7% | | | |
| White 91.2% | | | | White 88.5% | | | |
| Other 0.0% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.0% | 0.2% | 3.8% | AA/Black | 4.0% | 14.5% | -10.5% |
| Hispanic | 4.8% | 3.7% | 1.1% | Hispanic | 4.8% | 15.2% | -10.4% |
| White | 91.2% | 93.9% | -2.7% | White | 91.2% | 65.1% | 26.1% |
| Other | 0.0% | 5.5% | -5.5% | Other | 0.0% | 5.2% | -5.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 55.6% | 33.3% | 11.1% | 0.0% | NW | 1 | N/A |
| Hispanic | 61.5% | 7.7% | 30.8% | 0.0% | White | 2 | N/A |
| White | 68.8% | 15.4% | 15.8% | 0.0% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .347 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HANOVER POLICE DEPARTMENT

| Total Citations ¹ : 1,321 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 18.6% | Citations per 1000 | |
| | Passing through: | 81.4% | 18 + residents: | 122.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,165) | | | | ITP Stops ³ (N = 439) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.09 | | | | 38.81 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.3% | | | | Female 37.2% | | | |
| Male 60.6% | | | | Male 62.3% | | | |
| Non-binary 0.2% | | | | Non-binary 0.5% | | | |
| Race % Mis/Unk ⁴ 3.0% | | | | Race % Mis/Unk ⁴ 2.7% | | | |
| AA/Black 7.1% | | | | AA/Black 5.9% | | | |
| Hispanic 3.1% | | | | Hispanic 3.5% | | | |
| White 88.8% | | | | White 89.9% | | | |
| Other 1.0% | | | | Other 0.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.1% | 1.0% | 6.1% | AA/Black | 7.1% | 14.5% | -7.4% |
| Hispanic | 3.1% | 0.6% | 2.5% | Hispanic | 3.1% | 15.2% | -12.1% |
| White | 88.8% | 96.5% | -7.7% | White | 88.8% | 65.1% | 23.7% |
| Other | 1.0% | 1.2% | -0.2% | Other | 1.0% | 5.2% | -4.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 117 | 10.6% | 14.6% | NW | 38 | 12.6% | 8.8% |
| White | 896 | 89.4% | 85.4% | White | 299 | 87.4% | 91.2% |
| Chi-square, X-tab ⁶ : .082 not sig. | | | | Chi-square, X-tab ⁶ : .299 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .836 not sig. | | | | Odds ratio Exp(B) ⁷ : 5.374* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 56.2% | 27.0% | 14.6% | 2.2% | NW | 0 | N/A |
| Hispanic | 30.2% | 18.9% | 49.1% | 1.9% | White | 12 | N/A |
| White | 67.1% | 22.3% | 7.6% | 3.0% | | | |
| Other | 58.3% | 25.0% | 16.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HANSON POLICE DEPARTMENT

| Total Citations ¹ : 1,052 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 19.3% | Citations per 1000 | |
| | Passing through: | 80.7% | 18 + residents: | 119.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,029) | | | | ITP Stops ³ (N = 496) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.26 | | | | 36.7 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.9% | | | | Female 34.9% | | | |
| Male 62.9% | | | | Male 65.1% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ 2.8% | | | |
| AA/Black 9.9% | | | | AA/Black 11.0% | | | |
| Hispanic 5.0% | | | | Hispanic 5.6% | | | |
| White 84.5% | | | | White 82.8% | | | |
| Other 0.6% | | | | Other 0.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.9% | 0.3% | 9.6% | AA/Black | 9.9% | 14.5% | -4.6% |
| Hispanic | 5.0% | 0.9% | 4.1% | Hispanic | 5.0% | 15.2% | -10.2% |
| White | 84.5% | 93.3% | -8.8% | White | 84.5% | 65.1% | 19.4% |
| Other | 0.6% | 4.8% | -4.2% | Other | 0.6% | 5.2% | -4.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 151 | 13.5% | 22.2% | NW | 79 | 18.0% | 17.5% |
| White | 808 | 86.5% | 77.8% | White | 364 | 82.0% | 82.5% |
| Chi-square, X-tab ⁶ : | | .001* | sig. | Chi-square, X-tab ⁶ : | | .911 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .466* | sig. | Odds ratio Exp(B) ⁷ : | | .997 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 68.7% | 10.1% | 21.2% | 0.0% | NW | 0 | N/A |
| Hispanic | 60.0% | 6.0% | 34.0% | 0.0% | White | 6 | N/A |
| White | 79.1% | 10.1% | 8.8% | 2.0% | | | |
| Other | 42.9% | 0.0% | 57.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HARDWICK POLICE DEPARTMENT

| Total Citations ¹ : 262 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 24.2% | Citations per 1000 | |
| | Passing through: | 75.8% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 252) | | | | ITP Stops ³ (N = 135) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.19 | | | | 36.75 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.0% | | | | Female 29.6% | | | |
| Male 69.0% | | | | Male 70.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.0% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 4.0% | | | | AA/Black 3.0% | | | |
| Hispanic 5.6% | | | | Hispanic 6.7% | | | |
| White 89.3% | | | | White 89.6% | | | |
| Other 1.2% | | | | Other 0.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.0% | N/A | N/A | AA/Black | 4.0% | 14.5% | -10.5% |
| Hispanic | 5.6% | N/A | N/A | Hispanic | 5.6% | 15.2% | -9.6% |
| White | 89.3% | N/A | N/A | White | 89.3% | 65.1% | 24.2% |
| Other | 1.2% | N/A | N/A | Other | 1.2% | 5.2% | -4.0% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 25 | 10.2% | 12.2% | NW | N/A | N/A | N/A |
| White | 211 | 89.8% | 87.8% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .673 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .629 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 60.0% | 0.0% | 40.0% | 0.0% | NW | 1 | N/A |
| Hispanic | 33.3% | 13.3% | 53.3% | 0.0% | White | 0 | N/A |
| White | 76.1% | 11.5% | 7.3% | 5.1% | | | |
| Other | 66.7% | 0.0% | 33.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* | <i>sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HARVARD POLICE DEPARTMENT

| Total Citations ¹ : 405 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 23.1% | Citations per 1000 | |
| | Passing through: | 76.9% | 18 + residents: | 77.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 385) | | | | ITP Stops ³ (N = 122) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 45.15 | | | | 44.12 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.1% | | | | Female 41.0% | | | |
| Male 61.9% | | | | Male 59.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 3.3% | | | |
| AA/Black 3.7% | | | | AA/Black 2.5% | | | |
| Hispanic 5.6% | | | | Hispanic 6.8% | | | |
| White 85.4% | | | | White 87.3% | | | |
| Other 5.3% | | | | Other 3.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.7% | 8.1% | -4.4% | AA/Black | 3.7% | 14.5% | -10.8% |
| Hispanic | 5.6% | 9.7% | -4.1% | Hispanic | 5.6% | 15.2% | -9.6% |
| White | 85.4% | 77.5% | 7.9% | White | 85.4% | 65.1% | 20.3% |
| Other | 5.3% | 9.2% | -3.9% | Other | 5.3% | 5.2% | 0.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 50 | 16.2% | 9.6% | NW | N/A | N/A | N/A |
| White | 292 | 83.8% | 90.4% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .140 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.579 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 57.1% | 35.7% | 7.1% | 0.0% | NW | 0 | N/A |
| Hispanic | 56.5% | 17.4% | 26.1% | 0.0% | White | 0 | N/A |
| White | 76.0% | 20.2% | 3.6% | 0.3% | | | |
| Other | 72.7% | 18.2% | 9.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .003* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HARWICH POLICE DEPARTMENT

| Total Citations ¹ : 401 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 26.8% | Citations per 1000 | |
| | Passing through: | 73.2% | 18 + residents: | 38.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 362) | | | | ITP Stops ³ (N = 154) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.13 | | | | 35.78 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.1% | | | | Female 34.0% | | | |
| Male 63.9% | | | | Male 66.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 13.4% | | | | AA/Black 11.8% | | | |
| Hispanic 3.6% | | | | Hispanic 3.9% | | | |
| White 80.7% | | | | White 81.6% | | | |
| Other 2.2% | | | | Other 2.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.4% | 3.2% | 10.2% | AA/Black | 13.4% | 14.5% | -1.1% |
| Hispanic | 3.6% | 2.2% | 1.4% | Hispanic | 3.6% | 15.2% | -11.6% |
| White | 80.7% | 91.8% | -11.1% | White | 80.7% | 65.1% | 15.6% |
| Other | 2.2% | 2.0% | 0.2% | Other | 2.2% | 5.2% | -3.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 69 | 15.4% | 28.6% | NW | 28 | 18.0% | 20.8% |
| White | 277 | 84.6% | 71.4% | White | 120 | 82.0% | 79.2% |
| Chi-square, X-tab ⁶ : .004* sig. | | | | Chi-square, X-tab ⁶ : .680 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .431* sig. | | | | Odds ratio Exp(B) ⁷ : 1.209 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 41.5% | 11.3% | 34.0% | 13.2% | NW | 1 | N/A |
| Hispanic | 28.6% | 21.4% | 50.0% | 0.0% | White | 3 | N/A |
| White | 64.4% | 15.3% | 13.4% | 6.9% | | | |
| Other | 75.0% | 0.0% | 12.5% | 12.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HAVERHILL POLICE DEPARTMENT

| Total Citations ¹ : 6,148 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 53.6% | Citations per 1000 | |
| | Passing through: | 46.4% | 18 + residents: | 124.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,832) | | | | ITP Stops ³ (N = 2,514) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.73 | | | | 37.31 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.0% | | | | Female 41.0% | | | |
| Male 57.0% | | | | Male 59.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 5.6% | | | | AA/Black 4.9% | | | |
| Hispanic 15.2% | | | | Hispanic 17.0% | | | |
| White 77.9% | | | | White 76.8% | | | |
| Other 1.2% | | | | Other 1.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.6% | 3.6% | 2.0% | AA/Black | 5.6% | 14.5% | -8.9% |
| Hispanic | 15.2% | 23.2% | -8.0% | Hispanic | 15.2% | 15.2% | 0.0% |
| White | 77.9% | 69.7% | 8.2% | White | 77.9% | 65.1% | 12.8% |
| Other | 1.2% | 6.2% | -5.0% | Other | 1.2% | 5.2% | -4.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,189 | 19.0% | 30.4% | NW | 531 | 20.9% | 28.2% |
| White | 4,163 | 81.0% | 69.6% | White | 1,744 | 79.1% | 71.8% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .518* sig. | | | | Odds ratio Exp(B) ⁷ : .525* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 59.6% | 20.5% | 18.7% | 1.2% | NW | 4 | N/A |
| Hispanic | 60.0% | 20.4% | 17.5% | 2.1% | White | 8 | N/A |
| White | 58.5% | 31.7% | 8.8% | 1.1% | | | |
| Other | 50.7% | 39.4% | 9.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HINGHAM POLICE DEPARTMENT

| Total Citations ¹ : 3,796 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 26.7% | Citations per 1000 | |
| | Passing through: | 73.3% | 18 + residents: | 208.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,659) | | | | ITP Stops ³ (N = 1,301) | | | |
|------------------------------------|----------------------|-------------|--|------------------------------------|----------------------|-------------|--|
| Mean age | | | | Mean age | | | |
| 42.32 | | | | 41.64 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.0% | | | | Female 42.9% | | | |
| Male 58.0% | | | | Male 57.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % | Mis/Unk ⁴ | 1.5% | | Race % | Mis/Unk ⁴ | 1.6% | |
| AA/Black | 5.1% | | | AA/Black | 3.9% | | |
| Hispanic | 3.2% | | | Hispanic | 2.7% | | |
| White | 88.4% | | | White | 89.6% | | |
| Other | 3.3% | | | Other | 3.8% | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.1% | 0.5% | 4.6% | AA/Black | 5.1% | 14.5% | -9.4% |
| Hispanic | 3.2% | 1.1% | 2.1% | Hispanic | 3.2% | 15.2% | -12.0% |
| White | 88.4% | 95.2% | -6.8% | White | 88.4% | 65.1% | 23.3% |
| Other | 3.3% | 3.3% | 0.0% | Other | 3.3% | 5.2% | -1.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 405 | 10.2% | 16.8% | NW | 121 | 9.3% | 12.8% |
| White | 3,064 | 89.8% | 83.2% | White | 1,027 | 90.7% | 87.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .064 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .512* sig. | | | | Odds ratio Exp(B) ⁷ : .606 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 75.3% | 12.9% | 9.3% | 2.6% | NW | 0 | N/A |
| Hispanic | 70.7% | 16.3% | 8.9% | 4.1% | White | 2 | N/A |
| White | 83.7% | 13.7% | 1.8% | 0.9% | | | |
| Other | 86.0% | 11.6% | 1.7% | 0.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HINSDALE POLICE DEPARTMENT

| Total Citations ¹ : 205 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 29.0% | Citations per 1000 | |
| | Passing through: | 71.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 200) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.5 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 44.5% | | | | Female N/A | | | |
| Male 55.0% | | | | Male N/A | | | |
| Non-binary 0.5% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 1.0% | | | | AA/Black N/A | | | |
| Hispanic 0.5% | | | | Hispanic N/A | | | |
| White 98.5% | | | | White N/A | | | |
| Other 0.0% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 1.0% | N/A | N/A | AA/Black | 1.0% | 14.5% | -13.5% |
| Hispanic | 0.5% | N/A | N/A | Hispanic | 0.5% | 15.2% | -14.7% |
| White | 98.5% | N/A | N/A | White | 98.5% | 65.1% | 33.4% |
| Other | 0.0% | N/A | N/A | Other | 0.0% | 5.2% | -5.2% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|---------------|-------------|-------------|-------------|-----------------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 100.0% | 0.0% | 0.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 100.0% | 0.0% | 0.0% | 0.0% | White | 4 | N/A |
| White | 86.9% | 7.1% | 3.0% | 3.0% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .998 | <i>not sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HOLBROOK POLICE DEPARTMENT

| Total Citations ¹ : 752 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 21.0% | Citations per 1000 | |
| | Passing through: | 79.0% | 18 + residents: | 83.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 670) | | | | ITP Stops ³ (N = 295) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.38 | | | | 39.06 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.0% | | | | Female 37.2% | | | |
| Male 62.0% | | | | Male 62.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.7% | | | | Race % Mis/Unk ⁴ 0.7% | | | |
| AA/Black 29.3% | | | | AA/Black 28.7% | | | |
| Hispanic 13.7% | | | | Hispanic 12.6% | | | |
| White 50.8% | | | | White 51.9% | | | |
| Other 6.2% | | | | Other 6.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 29.3% | 16.8% | 12.5% | AA/Black | 29.3% | 14.5% | 14.8% |
| Hispanic | 13.7% | 6.6% | 7.1% | Hispanic | 13.7% | 15.2% | -1.5% |
| White | 50.8% | 72.1% | -21.3% | White | 50.8% | 65.1% | -14.3% |
| Other | 6.2% | 7.0% | -0.8% | Other | 6.2% | 5.2% | 1.0% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 312 | 48.9% | 48.7% | NW | 128 | 47.3% | 48.5% |
| White | 327 | 51.1% | 51.3% | White | 141 | 52.7% | 51.5% |
| Chi-square, X-tab ⁶ : | | .971 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .857 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | 1.172 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .945 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 65.9% | 9.9% | 23.3% | 0.9% | NW | 3 | N/A |
| Hispanic | 62.9% | 6.7% | 27.6% | 2.9% | White | 2 | N/A |
| White | 78.5% | 9.8% | 10.4% | 1.3% | | | |
| Other | 90.7% | 4.7% | 2.3% | 2.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | <i>sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HOLDEN POLICE DEPARTMENT

| Total Citations ¹ : 3,068 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 23.7% | Citations per 1000 | |
| | Passing through: | 76.3% | 18 + residents: | 207.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,043) | | | | ITP Stops ³ (N = 931) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.3 | | | | 39.54 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.8% | | | | Female 44.6% | | | |
| Male 55.1% | | | | Male 55.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.6% | | | | Race % Mis/Unk ⁴ 4.4% | | | |
| AA/Black 6.0% | | | | AA/Black 5.2% | | | |
| Hispanic 5.6% | | | | Hispanic 4.9% | | | |
| White 85.5% | | | | White 86.9% | | | |
| Other 2.9% | | | | Other 3.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.0% | 0.9% | 5.1% | AA/Black | 6.0% | 14.5% | -8.5% |
| Hispanic | 5.6% | 4.3% | 1.3% | Hispanic | 5.6% | 15.2% | -9.6% |
| White | 85.5% | 91.5% | -6.0% | White | 85.5% | 65.1% | 20.4% |
| Other | 2.9% | 3.8% | -0.9% | Other | 2.9% | 5.2% | -2.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 412 | 12.7% | 20.5% | NW | 106 | 12.8% | 14.3% |
| White | 2,440 | 87.3% | 79.5% | White | 703 | 87.2% | 85.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .638 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .599* sig. | | | | Odds ratio Exp(B) ⁷ : 1.121 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 86.1% | 8.3% | 5.0% | 0.6% | NW | 1 | N/A |
| Hispanic | 74.6% | 16.2% | 4.6% | 4.6% | White | 5 | N/A |
| White | 88.5% | 9.2% | 1.6% | 0.7% | | | |
| Other | 80.5% | 14.9% | 1.1% | 3.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HOLLAND POLICE DEPARTMENT

| Total Citations ¹ : 104 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 35.3% | Citations per 1000 | |
| | Passing through: | 64.7% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 102) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.61 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 37.3% | | | | Female N/A | | | |
| Male 62.7% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 0.0% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 4.9% | | | | AA/Black N/A | | | |
| Hispanic 7.8% | | | | Hispanic N/A | | | |
| White 87.3% | | | | White N/A | | | |
| Other 0.0% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.9% | N/A | N/A | AA/Black | 4.9% | 14.5% | -9.6% |
| Hispanic | 7.8% | N/A | N/A | Hispanic | 7.8% | 15.2% | -7.4% |
| White | 87.3% | N/A | N/A | White | 87.3% | 65.1% | 22.2% |
| Other | 0.0% | N/A | N/A | Other | 0.0% | 5.2% | -5.2% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-----------------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 40.0% | 40.0% | 20.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 75.0% | 12.5% | 12.5% | 0.0% | White | 1 | N/A |
| White | 65.9% | 18.7% | 15.4% | 0.0% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .727 | <i>not sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HOLLISTON POLICE DEPARTMENT

| Total Citations ¹ : 1,826 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 21.9% | Citations per 1000 | |
| | Passing through: | 78.1% | 18 + residents: | 164.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,782) | | | | ITP Stops ³ (N = 1,004) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.25 | | | | 39.77 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.4% | | | | Female 33.2% | | | |
| Male 65.6% | | | | Male 66.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 2.6% | | | |
| AA/Black 5.5% | | | | AA/Black 5.3% | | | |
| Hispanic 8.3% | | | | Hispanic 7.7% | | | |
| White 83.9% | | | | White 84.5% | | | |
| Other 2.4% | | | | Other 2.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.5% | 1.2% | 4.3% | AA/Black | 5.5% | 14.5% | -9.0% |
| Hispanic | 8.3% | 3.9% | 4.4% | Hispanic | 8.3% | 15.2% | -6.9% |
| White | 83.9% | 87.4% | -3.5% | White | 83.9% | 65.1% | 18.8% |
| Other | 2.4% | 7.8% | -5.4% | Other | 2.4% | 5.2% | -2.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 254 | 14.2% | 18.5% | NW | 125 | 14.0% | 15.7% |
| White | 1,368 | 85.8% | 81.5% | White | 733 | 86.0% | 84.3% |
| Chi-square, X-tab ⁶ : .022* sig. | | | | Chi-square, X-tab ⁶ : .485 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .770 not sig. | | | | Odds ratio Exp(B) ⁷ : .925 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 76.8% | 12.1% | 7.1% | 4.0% | NW | 2 | N/A |
| Hispanic | 66.2% | 6.1% | 21.6% | 6.1% | White | 2 | N/A |
| White | 80.5% | 9.5% | 7.7% | 2.3% | | | |
| Other | 85.4% | 12.2% | 2.4% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HOLYOKE POLICE DEPARTMENT

| Total Citations ¹ : 579 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 42.1% | Citations per 1000 | |
| | Passing through: | 57.8% | 18 + residents: | 18.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 484) | | | | ITP Stops ³ (N = 106) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.25 | | | | 36.31 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.7% | | | | Female 37.1% | | | |
| Male 65.3% | | | | Male 62.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 5.6% | | | | AA/Black 3.9% | | | |
| Hispanic 13.2% | | | | Hispanic 26.2% | | | |
| White 80.5% | | | | White 68.9% | | | |
| Other 0.7% | | | | Other 1.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.6% | 4.5% | 1.1% | AA/Black | 5.6% | 14.5% | -8.9% |
| Hispanic | 13.2% | 53.9% | -40.7% | Hispanic | 13.2% | 15.2% | -2.0% |
| White | 80.5% | 41.3% | 39.2% | White | 80.5% | 65.1% | 15.4% |
| Other | 0.7% | 3.7% | -3.0% | Other | 0.7% | 5.2% | -4.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 69 | 17.6% | 26.6% | NW | 29 | 17.9% | 50.0% |
| White | 252 | 82.4% | 73.4% | White | 65 | 82.1% | 50.0% |
| Chi-square, X-tab ⁶ : | | .051 | not sig. | Chi-square, X-tab ⁶ : | | .001* | sig. |
| Odds ratio Exp(B) ⁷ : | | .555* | sig. | Odds ratio Exp(B) ⁷ : | | .283* | sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 21.2% | 6.1% | 48.5% | 24.2% | NW | 3 | N/A |
| Hispanic | 36.4% | 23.4% | 16.9% | 23.4% | White | 7 | N/A |
| White | 32.8% | 9.6% | 33.9% | 23.6% | | | |
| Other | 50.0% | 0.0% | 50.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .004* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HOPEDALE POLICE DEPARTMENT

| Total Citations ¹ : 478 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 12.7% | Citations per 1000 | |
| | Passing through: | 87.3% | 18 + residents: | 106.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 463) | | | | ITP Stops ³ (N = 174) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.94 | | | | 35.5 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.4% | | | | Female 29.1% | | | |
| Male 66.6% | | | | Male 70.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.4% | | | | Race % Mis/Unk ⁴ 5.2% | | | |
| AA/Black 4.1% | | | | AA/Black 3.6% | | | |
| Hispanic 25.6% | | | | Hispanic 31.5% | | | |
| White 69.4% | | | | White 64.2% | | | |
| Other 0.9% | | | | Other 0.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.1% | 0.3% | 3.8% | AA/Black | 4.1% | 14.5% | -10.4% |
| Hispanic | 25.6% | 1.0% | 24.6% | Hispanic | 25.6% | 15.2% | 10.4% |
| White | 69.4% | 96.1% | -26.7% | White | 69.4% | 65.1% | 4.3% |
| Other | 0.9% | 2.7% | -1.8% | Other | 0.9% | 5.2% | -4.3% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 126 | 28.9% | 35.4% | NW | 51 | 36.7% | 31.4% |
| White | 288 | 71.1% | 64.6% | White | 93 | 63.3% | 68.6% |
| Chi-square, X-tab ⁶ : .226 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .571 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .736 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.811 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 44.4% | 5.6% | 44.4% | 5.6% | NW | 0 | N/A |
| Hispanic | 15.5% | 11.2% | 69.0% | 4.3% | White | 1 | N/A |
| White | 65.0% | 9.2% | 22.9% | 2.9% | | | |
| Other | 75.0% | 0.0% | 25.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HOPKINTON POLICE DEPARTMENT

| Total Citations ¹ : 594 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 31.1% | Citations per 1000 | |
| | Passing through: | 68.9% | 18 + residents: | 43.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 547) | | | | ITP Stops ³ (N = 232) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.04 | | | | 38.44 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.0% | | | | Female 28.7% | | | |
| Male 68.0% | | | | Male 71.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 0.4% | | | |
| AA/Black 5.4% | | | | AA/Black 4.3% | | | |
| Hispanic 21.7% | | | | Hispanic 19.9% | | | |
| White 62.2% | | | | White 67.1% | | | |
| Other 10.8% | | | | Other 8.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.4% | 1.9% | 3.5% | AA/Black | 5.4% | 14.5% | -9.1% |
| Hispanic | 21.7% | 3.2% | 18.5% | Hispanic | 21.7% | 15.2% | 6.5% |
| White | 62.2% | 81.6% | -19.4% | White | 62.2% | 65.1% | -2.9% |
| Other | 10.8% | 13.3% | -2.5% | Other | 10.8% | 5.2% | 5.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 194 | 35.3% | 41.2% | NW | 69 | 33.1% | 31.8% |
| White | 322 | 64.7% | 58.8% | White | 143 | 66.9% | 68.2% |
| Chi-square, X-tab ⁶ : | | .169 | not sig. | Chi-square, X-tab ⁶ : | | .842 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .844 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.156 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 56.7% | 16.7% | 23.3% | 3.3% | NW | 2 | N/A |
| Hispanic | 35.4% | 6.9% | 48.5% | 9.2% | White | 6 | N/A |
| White | 64.9% | 17.7% | 10.6% | 6.8% | | | |
| Other | 79.7% | 16.9% | 1.7% | 1.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HUBBARDSTON POLICE DEPARTMENT

| Total Citations ¹ : 156 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 17.6% | Citations per 1000 | |
| | Passing through: | 82.4% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 148) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.78 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 32.4% | | | | Female N/A | | | |
| Male 67.6% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 3.4% | | | | AA/Black N/A | | | |
| Hispanic 7.6% | | | | Hispanic N/A | | | |
| White 84.8% | | | | White N/A | | | |
| Other 4.1% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.4% | N/A | N/A | AA/Black | 3.4% | 14.5% | -11.1% |
| Hispanic | 7.6% | N/A | N/A | Hispanic | 7.6% | 15.2% | -7.6% |
| White | 84.8% | N/A | N/A | White | 84.8% | 65.1% | 19.7% |
| Other | 4.1% | N/A | N/A | Other | 4.1% | 5.2% | -1.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 21 | 12.6% | 21.4% | NW | N/A | N/A | N/A |
| White | 116 | 87.4% | 78.6% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .188 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .640 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .899 <i>not sig.</i> | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.0% | 20.0% | 20.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 45.5% | 18.2% | 27.3% | 9.1% | White | 0 | N/A |
| White | 51.1% | 12.2% | 29.0% | 7.6% | | | |
| Other | 83.3% | 0.0% | 16.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .919 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HUDSON POLICE DEPARTMENT

| Total Citations ¹ : 2,258 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 35.1% | Citations per 1000 | |
| | Passing through: | 64.9% | 18 + residents: | 141 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,173) | | | | ITP Stops ³ (N = 811) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.72 | | | | 38.26 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.6% | | | | Female 40.4% | | | |
| Male 58.4% | | | | Male 59.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ 2.5% | | | |
| AA/Black 4.3% | | | | AA/Black 3.5% | | | |
| Hispanic 5.9% | | | | Hispanic 6.2% | | | |
| White 88.4% | | | | White 88.2% | | | |
| Other 1.4% | | | | Other 2.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.3% | 1.2% | 3.1% | AA/Black | 4.3% | 14.5% | -10.2% |
| Hispanic | 5.9% | 5.8% | 0.1% | Hispanic | 5.9% | 15.2% | -9.3% |
| White | 88.4% | 89.2% | -0.8% | White | 88.4% | 65.1% | 23.3% |
| Other | 1.4% | 3.5% | -2.1% | Other | 1.4% | 5.2% | -3.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 236 | 9.9% | 16.7% | NW | 82 | 7.7% | 17.5% |
| White | 1,813 | 90.1% | 83.3% | White | 624 | 92.3% | 82.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .596* sig. | | | | Odds ratio Exp(B) ⁷ : .442* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 75.0% | 7.3% | 14.6% | 3.1% | NW | 7 | N/A |
| Hispanic | 54.9% | 24.1% | 15.0% | 6.0% | White | 60 | N/A |
| White | 81.8% | 11.6% | 5.8% | 0.9% | | | |
| Other | 76.7% | 20.0% | 3.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

HULL POLICE DEPARTMENT

| Total Citations ¹ : 924 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 34.0% | Citations per 1000 | |
| | Passing through: | 66.0% | 18 + residents: | 101.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 866) | | | | ITP Stops ³ (N = 314) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.92 | | | | 39.83 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.7% | | | | Female 33.5% | | | |
| Male 62.2% | | | | Male 66.1% | | | |
| Non-binary 0.1% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 4.7% | | | | Race % Mis/Unk ⁴ 4.1% | | | |
| AA/Black 7.2% | | | | AA/Black 5.6% | | | |
| Hispanic 5.0% | | | | Hispanic 6.6% | | | |
| White 85.2% | | | | White 85.0% | | | |
| Other 2.7% | | | | Other 2.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.2% | 0.5% | 6.7% | AA/Black | 7.2% | 14.5% | -7.3% |
| Hispanic | 5.0% | 1.7% | 3.3% | Hispanic | 5.0% | 15.2% | -10.2% |
| White | 85.2% | 94.6% | -9.4% | White | 85.2% | 65.1% | 20.1% |
| Other | 2.7% | 3.1% | -0.4% | Other | 2.7% | 5.2% | -2.5% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 113 | 9.3% | 21.7% | NW | 40 | 14.1% | 19.1% |
| White | 633 | 90.7% | 78.3% | White | 212 | 85.9% | 80.9% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .300 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .369* | sig. | Odds ratio Exp(B) ⁷ : | | .841 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 68.3% | 12.7% | 12.7% | 6.3% | NW | 2 | N/A |
| Hispanic | 50.0% | 8.7% | 30.4% | 10.9% | White | 14 | N/A |
| White | 62.0% | 17.5% | 13.9% | 6.6% | | | |
| Other | 65.2% | 13.0% | 21.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .066 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

IPSWICH POLICE DEPARTMENT

| Total Citations ¹ : 229 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 40.5% | Citations per 1000 | |
| | Passing through: | 59.5% | 18 + residents: | 20.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 195) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.03 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 28.3% | | | | Female N/A | | | |
| Male 71.7% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 5.0% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 6.0% | | | | AA/Black N/A | | | |
| Hispanic 10.4% | | | | Hispanic N/A | | | |
| White 81.9% | | | | White N/A | | | |
| Other 1.6% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.0% | 2.2% | 3.8% | AA/Black | 6.0% | 14.5% | -8.5% |
| Hispanic | 10.4% | 4.2% | 6.2% | Hispanic | 10.4% | 15.2% | -4.8% |
| White | 81.9% | 92.0% | -10.1% | White | 81.9% | 65.1% | 16.8% |
| Other | 1.6% | 2.0% | -0.4% | Other | 1.6% | 5.2% | -3.6% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|---|-----|--------------|--------------|--|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 30 | 11.5% | 27.0% | NW | N/A | N/A | N/A |
| White | 146 | 88.5% | 73.0% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .009* sig. | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .220* sig. | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 33.3% | 8.3% | 41.7% | 16.7% | NW | 0 | N/A |
| Hispanic | 12.0% | 28.0% | 60.0% | 0.0% | White | 2 | N/A |
| White | 50.0% | 21.8% | 19.0% | 9.2% | | | |
| Other | 0.0% | 66.7% | 33.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

KINGSTON POLICE DEPARTMENT

| Total Citations ¹ : 202 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 24.7% | Citations per 1000 | |
| | Passing through: | 75.3% | 18 + residents: | 44.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 186) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.26 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 39.5% | | | | Female N/A | | | |
| Male 60.5% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 3.8% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 7.8% | | | | AA/Black N/A | | | |
| Hispanic 2.2% | | | | Hispanic N/A | | | |
| White 89.4% | | | | White N/A | | | |
| Other 0.6% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.8% | 0.6% | 7.2% | AA/Black | 7.8% | 14.5% | -6.7% |
| Hispanic | 2.2% | 3.8% | -1.6% | Hispanic | 2.2% | 15.2% | -13.0% |
| White | 89.4% | 93.6% | -4.2% | White | 89.4% | 65.1% | 24.3% |
| Other | 0.6% | 2.0% | -1.4% | Other | 0.6% | 5.2% | -4.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 19 | 8.4% | 22.6% | NW | N/A | N/A | N/A |
| White | 155 | 91.6% | 77.4% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .022* | sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .257* | sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|---------------|--------------|--------------|-------------|----------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 64.3% | 21.4% | 14.3% | 0.0% | NW | 1 | N/A |
| Hispanic | 75.0% | 0.0% | 25.0% | 0.0% | White | 5 | N/A |
| White | 73.9% | 9.7% | 14.8% | 1.7% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .952 | not sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LAKEVILLE POLICE DEPARTMENT

| Total Citations ¹ : 627 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 23.4% | Citations per 1000 | |
| | Passing through: | 76.6% | 18 + residents: | 68.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 565) | | | | ITP Stops ³ (N = 138) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.9 | | | | 32.19 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.9% | | | | Female 27.0% | | | |
| Male 69.1% | | | | Male 73.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.6% | | | | Race % Mis/Unk ⁴ 3.6% | | | |
| AA/Black 4.8% | | | | AA/Black 6.0% | | | |
| Hispanic 4.3% | | | | Hispanic 5.3% | | | |
| White 89.1% | | | | White 87.2% | | | |
| Other 1.9% | | | | Other 1.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.8% | 2.0% | 2.8% | AA/Black | 4.8% | 14.5% | -9.7% |
| Hispanic | 4.3% | 2.8% | 1.5% | Hispanic | 4.3% | 15.2% | -10.9% |
| White | 89.1% | 92.4% | -3.3% | White | 89.1% | 65.1% | 24.0% |
| Other | 1.9% | 3.0% | -1.1% | Other | 1.9% | 5.2% | -3.3% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 56 | 9.6% | 17.0% | NW | 16 | 11.0% | 20.0% |
| White | 453 | 90.4% | 83.0% | White | 105 | 89.0% | 80.0% |
| Chi-square, X-tab ⁶ : | | .039* | <i>sig.</i> | Chi-square, X-tab ⁶ : | | .206 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .509 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .293 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-----------------|-------------|-------|----------|------------|
| AA/Black | 54.5% | 18.2% | 21.2% | 6.1% | NW | 0 | N/A |
| Hispanic | 37.5% | 25.0% | 37.5% | 0.0% | White | 7 | N/A |
| White | 43.2% | 30.0% | 21.6% | 5.3% | | | |
| Other | 30.0% | 40.0% | 30.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .502 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LANCASTER POLICE DEPARTMENT

| Total Citations ¹ : 553 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 4.9% | Citations per 1000 | |
| | Passing through: | 95.1% | 18 + residents: | 84.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 532) | | | | ITP Stops ³ (N = 114) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.34 | | | | 37.52 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.6% | | | | Female 33.6% | | | |
| Male 58.2% | | | | Male 65.5% | | | |
| Non-binary 0.2% | | | | Non-binary 0.9% | | | |
| Race % Mis/Unk ⁴ 3.6% | | | | Race % Mis/Unk ⁴ 4.4% | | | |
| AA/Black 9.0% | | | | AA/Black 14.7% | | | |
| Hispanic 16.6% | | | | Hispanic 20.2% | | | |
| White 70.2% | | | | White 63.3% | | | |
| Other 4.3% | | | | Other 1.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.0% | 7.4% | 1.6% | AA/Black | 9.0% | 14.5% | -5.5% |
| Hispanic | 16.6% | 7.3% | 9.3% | Hispanic | 16.6% | 15.2% | 1.4% |
| White | 70.2% | 81.4% | -11.2% | White | 70.2% | 65.1% | 5.1% |
| Other | 4.3% | 4.8% | -0.5% | Other | 4.3% | 5.2% | -0.9% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 146 | 28.2% | 38.5% | NW | 33 | 33.8% | 41.2% |
| White | 348 | 71.8% | 61.5% | White | 61 | 66.2% | 58.8% |
| Chi-square, X-tab ⁶ : | | .091 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .562 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .651 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .995 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-----------------|-------------|-------|----------|------------|
| AA/Black | 30.6% | 59.2% | 10.2% | 0.0% | NW | 0 | N/A |
| Hispanic | 25.6% | 62.8% | 11.6% | 0.0% | White | 0 | N/A |
| White | 27.9% | 61.4% | 9.8% | 0.8% | | | |
| Other | 17.4% | 82.6% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .674 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LAWRENCE POLICE DEPARTMENT

| Total Citations ¹ : 7,606 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 61.9% | Citations per 1000 | |
| | Passing through: | 38.1% | 18 + residents: | 129 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,204) | | | | ITP Stops ³ (N = 1,604) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.18 | | | | 36.25 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.3% | | | | Female 36.9% | | | |
| Male 64.7% | | | | Male 63.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 8.4% | | | | Race % Mis/Unk ⁴ 5.7% | | | |
| AA/Black 4.9% | | | | AA/Black 5.0% | | | |
| Hispanic 70.4% | | | | Hispanic 69.9% | | | |
| White 23.1% | | | | White 23.1% | | | |
| Other 1.6% | | | | Other 2.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.9% | 5.7% | -0.8% | AA/Black | 4.9% | 14.5% | -9.6% |
| Hispanic | 70.4% | 80.6% | -10.2% | Hispanic | 70.4% | 15.2% | 55.2% |
| White | 23.1% | 14.8% | 8.3% | White | 23.1% | 65.1% | -42.0% |
| Other | 1.6% | 5.1% | -3.5% | Other | 1.6% | 5.2% | -3.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 4,826 | 76.5% | 80.7% | NW | 1,056 | 75.8% | 78.9% |
| White | 1,407 | 23.5% | 19.3% | White | 314 | 24.2% | 21.1% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .182 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .801* sig. | | | | Odds ratio Exp(B) ⁷ : 1.016 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 70.8% | 16.6% | 11.7% | 0.9% | NW | 32 | N/A |
| Hispanic | 73.8% | 17.2% | 7.2% | 1.8% | White | 4 | N/A |
| White | 74.3% | 16.6% | 7.6% | 1.5% | | | |
| Other | 73.0% | 19.8% | 7.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .108 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LEE POLICE DEPARTMENT

| Total Citations ¹ : 103 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 20.0% | Citations per 1000 | |
| | Passing through: | 80.0% | 18 + residents: | 21.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 80) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.5 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 41.3% | | | | Female N/A | | | |
| Male 58.8% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 3.8% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 11.7% | | | | AA/Black N/A | | | |
| Hispanic 2.6% | | | | Hispanic N/A | | | |
| White 83.1% | | | | White N/A | | | |
| Other 2.6% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.7% | 0.3% | 11.4% | AA/Black | 11.7% | 14.5% | -2.8% |
| Hispanic | 2.6% | 2.5% | 0.1% | Hispanic | 2.6% | 15.2% | -12.6% |
| White | 83.1% | 90.9% | -7.8% | White | 83.1% | 65.1% | 18.0% |
| Other | 2.6% | 3.6% | -1.0% | Other | 2.6% | 5.2% | -2.6% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|--------------|---------------|-------|----------|------------|
| AA/Black | 30.0% | 30.0% | 30.0% | 10.0% | NW | 0 | N/A |
| Hispanic | 0.0% | 66.7% | 33.3% | 0.0% | White | 0 | N/A |
| White | 57.1% | 10.7% | 25.0% | 7.1% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .111 not sig. | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LEICESTER POLICE DEPARTMENT

| Total Citations ¹ : 573 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 9.3% | Citations per 1000 | |
| | Passing through: | 90.7% | 18 + residents: | 61.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 560) | | | | ITP Stops ³ (N = 146) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.2 | | | | 36.36 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.9% | | | | Female 36.6% | | | |
| Male 64.1% | | | | Male 63.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 0.7% | | | |
| AA/Black 12.0% | | | | AA/Black 8.3% | | | |
| Hispanic 27.9% | | | | Hispanic 29.7% | | | |
| White 56.9% | | | | White 58.6% | | | |
| Other 3.3% | | | | Other 3.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.0% | 3.2% | 8.8% | AA/Black | 12.0% | 14.5% | -2.5% |
| Hispanic | 27.9% | 3.8% | 24.1% | Hispanic | 27.9% | 15.2% | 12.7% |
| White | 56.9% | 91.0% | -34.1% | White | 56.9% | 65.1% | -8.2% |
| Other | 3.3% | 2.5% | 0.8% | Other | 3.3% | 5.2% | -1.9% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 229 | 37.6% | 50.5% | NW | 55 | 38.4% | 51.5% |
| White | 304 | 62.4% | 49.5% | White | 77 | 61.6% | 48.5% |
| Chi-square, X-tab ⁶ : | | .003 * | sig. | Chi-square, X-tab ⁶ : | | .185 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .642 * | sig. | Odds ratio Exp(B) ⁷ : | | .655 | not sig. |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 50.0% | 14.7% | 33.8% | 1.5% | NW | 2 | N/A |
| Hispanic | 40.8% | 14.6% | 40.1% | 4.5% | White | 0 | N/A |
| White | 58.9% | 10.9% | 25.2% | 5.0% | | | |
| Other | 61.1% | 22.2% | 16.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .012 * | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LENOX POLICE DEPARTMENT

| Total Citations ¹ : 404 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 7.1% | Citations per 1000 | |
| | Passing through: | 92.9% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 396) | | | | ITP Stops ³ (N = 103) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.37 | | | | 38.3 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.6% | | | | Female 38.2% | | | |
| Male 59.1% | | | | Male 61.8% | | | |
| Non-binary 0.3% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.5% | | | | Race % Mis/Unk ⁴ 2.9% | | | |
| AA/Black 9.7% | | | | AA/Black 8.0% | | | |
| Hispanic 3.9% | | | | Hispanic 4.0% | | | |
| White 85.6% | | | | White 87.0% | | | |
| Other 0.8% | | | | Other 1.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.7% | N/A | N/A | AA/Black | 9.7% | 14.5% | -4.8% |
| Hispanic | 3.9% | N/A | N/A | Hispanic | 3.9% | 15.2% | -11.3% |
| White | 85.6% | N/A | N/A | White | 85.6% | 65.1% | 20.5% |
| Other | 0.8% | N/A | N/A | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 54 | 13.3% | 17.6% | NW | N/A | N/A | N/A |
| White | 313 | 86.7% | 82.4% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .272 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .720 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 59.5% | 8.1% | 29.7% | 2.7% | NW | 0 | N/A |
| Hispanic | 68.8% | 25.0% | 6.3% | 0.0% | White | 0 | N/A |
| White | 79.6% | 11.1% | 7.8% | 1.5% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .006* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LEOMINSTER POLICE DEPARTMENT

| Total Citations ¹ : 1,549 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 44.3% | Citations per 1000 | |
| | Passing through: | 55.7% | 18 + residents: | 47.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,358) | | | | ITP Stops ³ (N = 144) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.66 | | | | 40.77 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.5% | | | | Female 36.9% | | | |
| Male 55.5% | | | | Male 63.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ 3.5% | | | |
| AA/Black 9.7% | | | | AA/Black 8.6% | | | |
| Hispanic 22.5% | | | | Hispanic 29.5% | | | |
| White 63.9% | | | | White 58.3% | | | |
| Other 3.9% | | | | Other 3.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.7% | 6.7% | 3.0% | AA/Black | 9.7% | 14.5% | -4.8% |
| Hispanic | 22.5% | 18.4% | 4.1% | Hispanic | 22.5% | 15.2% | 7.3% |
| White | 63.9% | 69.3% | -5.4% | White | 63.9% | 65.1% | -1.2% |
| Other | 3.9% | 6.8% | -2.9% | Other | 3.9% | 5.2% | -1.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 472 | 34.5% | 50.9% | NW | 51 | 35.8% | 53.1% |
| White | 842 | 65.5% | 49.1% | White | 76 | 64.2% | 46.9% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .084 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .509* sig. | | | | Odds ratio Exp(B) ⁷ : .472 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 77.8% | 6.3% | 11.1% | 4.9% | NW | 2 | N/A |
| Hispanic | 69.0% | 5.5% | 21.4% | 4.1% | White | 2 | N/A |
| White | 80.0% | 5.8% | 11.3% | 2.9% | | | |
| Other | 78.2% | 3.6% | 18.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LEVERETT POLICE DEPARTMENT

| Total Citations ¹ : 207 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 15.1% | Citations per 1000 | |
| | Passing through: | 84.9% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 205) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|---|----------------------|-------------|----------------------------------|---|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 39.9 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| Female | | 40.6% | | Female | | N/A | |
| Male | | 59.4% | | Male | | N/A | |
| Non-binary | | 0.0% | | Non-binary | | N/A | |
| Race | % | Mis/Unk ⁴ | 3.8% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | | 9.1% | | AA/Black | | N/A | |
| Hispanic | | 2.0% | | Hispanic | | N/A | |
| White | | 89.9% | | White | | N/A | |
| Other | | 2.0% | | Other | | N/A | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.1% | N/A | N/A | AA/Black | 9.1% | 14.5% | -5.4% |
| Hispanic | 2.0% | N/A | N/A | Hispanic | 2.0% | 15.2% | -13.2% |
| White | 89.9% | N/A | N/A | White | 89.9% | 65.1% | 24.8% |
| Other | 2.0% | N/A | N/A | Other | 2.0% | 5.2% | -3.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 22 | 10.7% | 26.3% | NW | N/A | N/A | N/A |
| White | 156 | 89.3% | 73.7% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .051 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .239* | sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 72.2% | 16.7% | 11.1% | 0.0% | NW | 0 | N/A |
| Hispanic | 75.0% | 25.0% | 0.0% | 0.0% | White | 1 | N/A |
| White | 83.3% | 9.2% | 7.5% | 0.0% | | | |
| Other | 75.0% | 25.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .711 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LEXINGTON POLICE DEPARTMENT

| Total Citations ¹ : 1,986 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 31.5% | Citations per 1000 | |
| | Passing through: | 68.5% | 18 + residents: | 82.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,800) | | | | ITP Stops ³ (N = 672) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.41 | | | | 41.44 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.5% | | | | Female 40.4% | | | |
| Male 57.5% | | | | Male 59.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 7.0% | | | | AA/Black 6.5% | | | |
| Hispanic 7.0% | | | | Hispanic 5.1% | | | |
| White 61.8% | | | | White 62.3% | | | |
| Other 24.2% | | | | Other 26.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.0% | 1.3% | 5.7% | AA/Black | 7.0% | 14.5% | -7.5% |
| Hispanic | 7.0% | 2.1% | 4.9% | Hispanic | 7.0% | 15.2% | -8.2% |
| White | 61.8% | 62.7% | -0.9% | White | 61.8% | 65.1% | -3.3% |
| Other | 24.2% | 34.0% | -9.8% | Other | 24.2% | 5.2% | 19.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 652 | 37.4% | 41.5% | NW | 230 | 37.0% | 39.1% |
| White | 1,054 | 62.6% | 58.5% | White | 382 | 63.0% | 60.9% |
| Chi-square, X-tab ⁶ : .160 not sig. | | | | Chi-square, X-tab ⁶ : .629 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .863 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.091 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 58.6% | 25.0% | 12.9% | 3.6% | NW | 1 | N/A |
| Hispanic | 32.9% | 42.5% | 21.9% | 2.7% | White | 1 | N/A |
| White | 65.9% | 28.9% | 3.8% | 1.3% | | | |
| Other | 62.1% | 34.7% | 2.1% | 1.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LINCOLN POLICE DEPARTMENT

| Total Citations ¹ : 739) | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 9.4% | Citations per 1000 | |
| | Passing through: | 90.6% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 709) | | | | ITP Stops ³ (N = 253) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.17 | | | | 43.88 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.3% | | | | Female 40.2% | | | |
| Male 68.7% | | | | Male 59.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.0% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 12.8% | | | | AA/Black 5.9% | | | |
| Hispanic 13.8% | | | | Hispanic 7.5% | | | |
| White 64.0% | | | | White 75.5% | | | |
| Other 9.3% | | | | Other 11.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.8% | N/A | N/A | AA/Black | 12.8% | 14.5% | -1.7% |
| Hispanic | 13.8% | N/A | N/A | Hispanic | 13.8% | 15.2% | -1.4% |
| White | 64.0% | N/A | N/A | White | 64.0% | 65.1% | -1.1% |
| Other | 9.3% | N/A | N/A | Other | 9.3% | 5.2% | 4.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 248 | 22.8% | 45.3% | NW | 55 | 22.6% | 25.4% |
| White | 444 | 77.2% | 54.7% | White | 181 | 77.4% | 74.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .657 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .356* sig. | | | | Odds ratio Exp(B) ⁷ : 1.258 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 69.5% | 22.1% | 6.3% | 2.1% | NW | 0 | N/A |
| Hispanic | 55.8% | 23.1% | 17.3% | 3.8% | White | 0 | N/A |
| White | 78.6% | 16.6% | 3.8% | 1.1% | | | |
| Other | 78.3% | 20.3% | 0.0% | 1.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LITTLETON POLICE DEPARTMENT

| Total Citations ¹ : 421 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 13.9% | Citations per 1000 | |
| | Passing through: | 86.1% | 18 + residents: | 53.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 388) | | | | ITP Stops ³ (N = 134) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.51 | | | | 41.4 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.8% | | | | Female 29.5% | | | |
| Male 69.2% | | | | Male 70.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 7.0% | | | | AA/Black 6.2% | | | |
| Hispanic 16.5% | | | | Hispanic 11.5% | | | |
| White 68.6% | | | | White 68.5% | | | |
| Other 7.8% | | | | Other 13.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.0% | 0.6% | 6.4% | AA/Black | 7.0% | 14.5% | -7.5% |
| Hispanic | 16.5% | 1.3% | 15.2% | Hispanic | 16.5% | 15.2% | 1.3% |
| White | 68.6% | 89.0% | -20.4% | White | 68.6% | 65.1% | 3.5% |
| Other | 7.8% | 8.8% | -1.0% | Other | 7.8% | 5.2% | 2.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 112 | 29.2% | 40.6% | NW | 39 | 29.7% | 43.5% |
| White | 234 | 70.8% | 59.4% | White | 71 | 70.3% | 56.5% |
| Chi-square, X-tab ⁶ : | | .042 * | sig. | Chi-square, X-tab ⁶ : | | .136 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .478 * | sig. | Odds ratio Exp(B) ⁷ : | | .437 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 57.1% | 7.1% | 25.0% | 10.7% | NW | 10 | N/A |
| Hispanic | 56.3% | 15.6% | 20.3% | 7.8% | White | 21 | N/A |
| White | 52.3% | 22.6% | 16.5% | 8.6% | | | |
| Other | 59.4% | 25.0% | 15.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .450 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LONGMEADOW POLICE DEPARTMENT

| Total Citations ¹ : 563 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 29.1% | Citations per 1000 | |
| | Passing through: | 70.9% | 18 + residents: | 46.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 468) | | | | ITP Stops ³ (N = 158) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.74 | | | | 36.62 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.6% | | | | Female 44.6% | | | |
| Male 59.4% | | | | Male 55.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.3% | | | | Race % Mis/Unk ⁴ 2.5% | | | |
| AA/Black 10.5% | | | | AA/Black 14.3% | | | |
| Hispanic 10.9% | | | | Hispanic 11.0% | | | |
| White 74.6% | | | | White 70.1% | | | |
| Other 4.0% | | | | Other 4.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.5% | 0.9% | 9.6% | AA/Black | 10.5% | 14.5% | -4.0% |
| Hispanic | 10.9% | 6.8% | 4.1% | Hispanic | 10.9% | 15.2% | -4.3% |
| White | 74.6% | 84.4% | -9.8% | White | 74.6% | 65.1% | 9.5% |
| Other | 4.0% | 8.5% | -4.5% | Other | 4.0% | 5.2% | -1.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 101 | 23.4% | 25.0% | NW | 36 | 25.6% | 27.6% |
| White | 316 | 76.6% | 75.0% | White | 100 | 74.4% | 72.4% |
| Chi-square, X-tab ⁶ : .695 not sig. | | | | Chi-square, X-tab ⁶ : .799 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .970 not sig. | | | | Odds ratio Exp(B) ⁷ : .711 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 52.7% | 10.9% | 25.5% | 10.9% | NW | 2 | N/A |
| Hispanic | 57.9% | 15.8% | 26.3% | 0.0% | White | 2 | N/A |
| White | 74.4% | 11.5% | 11.5% | 2.5% | | | |
| Other | 71.4% | 9.5% | 19.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LOWELL POLICE DEPARTMENT

| Total Citations ¹ : 9,912 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 49.0% | Citations per 1000 | |
| | Passing through: | 51.0% | 18 + residents: | 113.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 9,605) | | | | ITP Stops ³ (N = 2,888) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.16 | | | | 34.7 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.7% | | | | Female 36.1% | | | |
| Male 59.2% | | | | Male 63.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 3.8% | | | | Race % Mis/Unk ⁴ 4.2% | | | |
| AA/Black 12.7% | | | | AA/Black 12.4% | | | |
| Hispanic 27.5% | | | | Hispanic 33.6% | | | |
| White 46.8% | | | | White 42.3% | | | |
| Other 12.9% | | | | Other 11.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.7% | 8.0% | 4.7% | AA/Black | 12.7% | 14.5% | -1.8% |
| Hispanic | 27.5% | 18.1% | 9.4% | Hispanic | 27.5% | 15.2% | 12.3% |
| White | 46.8% | 48.7% | -1.9% | White | 46.8% | 65.1% | -18.3% |
| Other | 12.9% | 26.4% | -13.5% | Other | 12.9% | 5.2% | 7.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 4,691 | 51.3% | 61.9% | NW | 1,438 | 55.3% | 61.1% |
| White | 4,141 | 48.7% | 38.1% | White | 1,065 | 44.7% | 38.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .004* sig. | | | |
| Odds ratio Exp(B) ⁷ : .686* sig. | | | | Odds ratio Exp(B) ⁷ : .757* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|-----------|------------|
| AA/Black | 15.9% | 75.5% | 6.8% | 1.8% | NW | 21 | N/A |
| Hispanic | 16.4% | 73.6% | 8.0% | 2.0% | White | 8 | N/A |
| White | 19.0% | 75.8% | 4.4% | 0.8% | | | |
| Other | 17.7% | 76.7% | 3.8% | 1.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LUDLOW POLICE DEPARTMENT

| Total Citations ¹ : 651 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 35.1% | Citations per 1000 | |
| | Passing through: | 64.9% | 18 + residents: | 37.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 502) | | | | ITP Stops ³ (N = 204) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37 | | | | 36.46 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.3% | | | | Female 40.9% | | | |
| Male 63.7% | | | | Male 59.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.8% | | | | Race % Mis/Unk ⁴ 1.5% | | | |
| AA/Black 10.7% | | | | AA/Black 7.0% | | | |
| Hispanic 6.6% | | | | Hispanic 5.5% | | | |
| White 82.2% | | | | White 86.1% | | | |
| Other 0.6% | | | | Other 1.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.7% | 1.4% | 9.3% | AA/Black | 10.7% | 14.5% | -3.8% |
| Hispanic | 6.6% | 8.6% | -2.0% | Hispanic | 6.6% | 15.2% | -8.6% |
| White | 82.2% | 87.3% | -5.1% | White | 82.2% | 65.1% | 17.1% |
| Other | 0.6% | 3.8% | -3.2% | Other | 0.6% | 5.2% | -4.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 80 | 17.1% | 21.1% | NW | 26 | 18.6% | 7.2% |
| White | 349 | 82.9% | 78.9% | White | 156 | 81.4% | 92.8% |
| Chi-square, X-tab ⁶ : .298 not sig. | | | | Chi-square, X-tab ⁶ : .034* sig. | | | |
| Odds ratio Exp(B) ⁷ : .621 not sig. | | | | Odds ratio Exp(B) ⁷ : 3.144* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 50.8% | 9.8% | 32.8% | 6.6% | NW | 2 | N/A |
| Hispanic | 42.9% | 14.3% | 31.0% | 11.9% | White | 3 | N/A |
| White | 62.5% | 11.7% | 17.5% | 8.3% | | | |
| Other | 66.7% | 0.0% | 0.0% | 33.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .046* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LUNENBURG POLICE DEPARTMENT

| Total Citations ¹ : 1,760 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 21.0% | Citations per 1000 | |
| | Passing through: | 79.0% | 18 + residents: | 194.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,684) | | | | ITP Stops ³ (N = 494) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.37 | | | | 35.97 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.4% | | | | Female 34.8% | | | |
| Male 59.4% | | | | Male 65.0% | | | |
| Non-binary 0.2% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 1.9% | | | | Race % Mis/Unk ⁴ 2.2% | | | |
| AA/Black 9.8% | | | | AA/Black 11.0% | | | |
| Hispanic 14.7% | | | | Hispanic 15.7% | | | |
| White 74.0% | | | | White 72.0% | | | |
| Other 1.5% | | | | Other 1.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.8% | 1.7% | 8.1% | AA/Black | 9.8% | 14.5% | -4.7% |
| Hispanic | 14.7% | 5.9% | 8.8% | Hispanic | 14.7% | 15.2% | -0.5% |
| White | 74.0% | 88.4% | -14.4% | White | 74.0% | 65.1% | 8.9% |
| Other | 1.5% | 4.0% | -2.5% | Other | 1.5% | 5.2% | -3.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 416 | 23.5% | 31.9% | NW | 121 | 24.6% | 33.3% |
| White | 1,190 | 76.5% | 68.1% | White | 319 | 75.4% | 66.7% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .052 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .697* sig. | | | | Odds ratio Exp(B) ⁷ : .512* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 73.3% | 4.7% | 20.3% | 1.7% | NW | 0 | N/A |
| Hispanic | 70.0% | 5.1% | 21.7% | 3.2% | White | 1 | N/A |
| White | 83.5% | 5.7% | 9.0% | 1.8% | | | |
| Other | 88.0% | 4.0% | 4.0% | 4.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LYNN POLICE DEPARTMENT

| Total Citations ¹ : 4,011 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 63.8% | Citations per 1000 | |
| | Passing through: | 36.2% | 18 + residents: | 56.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,484) | | | | ITP Stops ³ (N = 994) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.87 | | | | 35.04 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.5% | | | | Female 31.2% | | | |
| Male 65.4% | | | | Male 68.7% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 7.3% | | | | Race % Mis/Unk ⁴ 7.9% | | | |
| AA/Black 13.3% | | | | AA/Black 12.5% | | | |
| Hispanic 50.6% | | | | Hispanic 53.8% | | | |
| White 31.8% | | | | White 29.2% | | | |
| Other 4.3% | | | | Other 4.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.3% | 13.7% | -0.4% | AA/Black | 13.3% | 14.5% | -1.2% |
| Hispanic | 50.6% | 42.8% | 7.8% | Hispanic | 50.6% | 15.2% | 35.4% |
| White | 31.8% | 35.9% | -4.1% | White | 31.8% | 65.1% | -33.3% |
| Other | 4.3% | 14.4% | -10.1% | Other | 4.3% | 5.2% | -0.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,110 | 66.1% | 76.4% | NW | 589 | 70.0% | 71.3% |
| White | 959 | 33.9% | 23.6% | White | 248 | 30.0% | 28.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .703 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .624* sig. | | | | Odds ratio Exp(B) ⁷ : .873 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 49.9% | 25.1% | 21.6% | 3.4% | NW | 51 | N/A |
| Hispanic | 31.2% | 22.4% | 39.2% | 7.2% | White | 13 | N/A |
| White | 56.0% | 23.1% | 17.2% | 3.8% | | | |
| Other | 58.0% | 28.0% | 12.7% | 1.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

LYNNFIELD POLICE DEPARTMENT

| Total Citations ¹ : 131 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 18.5% | Citations per 1000 | |
| | Passing through: | 81.5% | 18 + residents: | 13.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 108) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.45 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 36.4% | | | | Female N/A | | | |
| Male 63.6% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 8.3% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 5.1% | | | | AA/Black N/A | | | |
| Hispanic 7.1% | | | | Hispanic N/A | | | |
| White 86.9% | | | | White N/A | | | |
| Other 1.0% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.1% | 1.2% | 3.9% | AA/Black | 5.1% | 14.5% | -9.4% |
| Hispanic | 7.1% | 2.4% | 4.7% | Hispanic | 7.1% | 15.2% | -8.1% |
| White | 86.9% | 90.7% | -3.8% | White | 86.9% | 65.1% | 21.8% |
| Other | 1.0% | 6.3% | -5.3% | Other | 1.0% | 5.2% | -4.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|---------------|--------------|-------------|-------|----------|------------|
| AA/Black | 83.3% | 0.0% | 16.7% | 0.0% | NW | 1 | N/A |
| Hispanic | 7.1% | 28.6% | 64.3% | 0.0% | White | 0 | N/A |
| White | 57.4% | 23.8% | 16.8% | 2.0% | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .003* sig. | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MALDEN POLICE DEPARTMENT

| Total Citations ¹ : 1,166 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 31.6% | Citations per 1000 | |
| | Passing through: | 68.4% | 18 + residents: | 23.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,044) | | | | ITP Stops ³ (N = 275) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.91 | | | | 35.88 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.8% | | | | Female 28.7% | | | |
| Male 68.2% | | | | Male 71.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 9.0% | | | | Race % Mis/Unk ⁴ 5.5% | | | |
| AA/Black 20.4% | | | | AA/Black 17.7% | | | |
| Hispanic 12.7% | | | | Hispanic 16.9% | | | |
| White 52.9% | | | | White 54.2% | | | |
| Other 13.9% | | | | Other 11.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 20.4% | 18.5% | 1.9% | AA/Black | 20.4% | 14.5% | 5.9% |
| Hispanic | 12.7% | 8.5% | 4.2% | Hispanic | 12.7% | 15.2% | -2.5% |
| White | 52.9% | 47.0% | 5.9% | White | 52.9% | 65.1% | -12.2% |
| Other | 13.9% | 25.7% | -11.8% | Other | 13.9% | 5.2% | 8.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 432 | 46.6% | 48.2% | NW | 109 | 42.7% | 49.4% |
| White | 492 | 53.4% | 51.8% | White | 134 | 57.3% | 50.6% |
| Chi-square, X-tab ⁶ : .749 not sig. | | | | Chi-square, X-tab ⁶ : .326 not sig. | | | |
| Odds ratio Exp(B) ⁷ : 1.034 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.071 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.2% | 19.9% | 17.1% | 2.8% | NW | 1 | N/A |
| Hispanic | 55.0% | 21.4% | 22.9% | 0.7% | White | 2 | N/A |
| White | 64.9% | 19.6% | 14.1% | 1.4% | | | |
| Other | 65.2% | 29.7% | 5.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MANCHESTER POLICE DEPARTMENT

| Total Citations ¹ : 367 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 20.1% | Citations per 1000 | |
| | Passing through: | 79.9% | 18 + residents: | 87.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 353) | | | | ITP Stops ³ (N = 102) | | | |
|--|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.63 | | | | 42.49 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.8% | | | | Female 39.2% | | | |
| Male 64.2% | | | | Male 60.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 10.5% | | | | Race % Mis/Unk ⁴ 9.8% | | | |
| AA/Black 1.3% | | | | AA/Black 1.1% | | | |
| Hispanic 9.8% | | | | Hispanic 7.6% | | | |
| White 87.7% | | | | White 89.1% | | | |
| Other 1.3% | | | | Other 2.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 1.3% | 0.0% | 1.3% | AA/Black | 1.3% | 14.5% | -13.2% |
| Hispanic | 9.8% | 1.5% | 8.3% | Hispanic | 9.8% | 15.2% | -5.4% |
| White | 87.7% | 97.1% | -9.4% | White | 87.7% | 65.1% | 22.6% |
| Other | 1.3% | 1.3% | 0.0% | Other | 1.3% | 5.2% | -3.9% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 37 | 11.4% | 14.0% | NW | N/A | N/A | N/A |
| White | 268 | 88.6% | 86.0% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .541 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .713 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------------|----------|------------|
| AA/Black | 33.3% | 33.3% | 16.7% | 16.7% | NW | 0 | N/A |
| Hispanic | 37.5% | 18.8% | 25.0% | 18.8% | White | 1 | N/A |
| White | 71.3% | 8.7% | 10.8% | 9.1% | | | |
| Other | 75.0% | 25.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .011 * | <i>sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MANSFIELD POLICE DEPARTMENT

| Total Citations ¹ : 2,641 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 34.7% | Citations per 1000 | |
| | Passing through: | 65.3% | 18 + residents: | 139.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,525) | | | | ITP Stops ³ (N = 1,134) | | | |
|------------------------------------|--|--|--|------------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.27 | | | | 38.12 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.7% | | | | Female 40.5% | | | |
| Male 59.3% | | | | Male 59.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 12.0% | | | | AA/Black 10.4% | | | |
| Hispanic 5.1% | | | | Hispanic 4.0% | | | |
| White 77.0% | | | | White 78.9% | | | |
| Other 5.9% | | | | Other 6.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.0% | 2.3% | 9.7% | AA/Black | 12.0% | 14.5% | -2.5% |
| Hispanic | 5.1% | 4.1% | 1.0% | Hispanic | 5.1% | 15.2% | -10.1% |
| White | 77.0% | 86.4% | -9.4% | White | 77.0% | 65.1% | 11.9% |
| Other | 5.9% | 7.5% | -1.6% | Other | 5.9% | 5.2% | 0.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 548 | 18.1% | 34.4% | NW | 215 | 18.2% | 27.9% |
| White | 1,833 | 81.9% | 65.6% | White | 805 | 81.8% | 72.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .001* sig. | | | |
| Odds ratio Exp(B) ⁷ : .417* sig. | | | | Odds ratio Exp(B) ⁷ : .488 sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 79.3% | 3.6% | 15.2% | 1.9% | NW | 0 | N/A |
| Hispanic | 69.6% | 4.3% | 22.5% | 3.6% | White | 0 | N/A |
| White | 91.5% | 2.8% | 4.5% | 1.3% | | | |
| Other | 95.4% | 1.3% | 1.3% | 2.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MARBLEHEAD POLICE DEPARTMENT

| Total Citations ¹ : 156 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 54.3% | Citations per 1000 | |
| | Passing through: | 45.7% | 18 + residents: | 9.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 127) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.07 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 27.8% | | | | Female N/A | | | |
| Male 72.2% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 5.5% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 4.2% | | | | AA/Black N/A | | | |
| Hispanic 9.2% | | | | Hispanic N/A | | | |
| White 85.0% | | | | White N/A | | | |
| Other 1.7% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.2% | 1.6% | 2.6% | AA/Black | 4.2% | 14.5% | -10.3% |
| Hispanic | 9.2% | 5.0% | 4.2% | Hispanic | 9.2% | 15.2% | -6.0% |
| White | 85.0% | 91.1% | -6.1% | White | 85.0% | 65.1% | 19.9% |
| Other | 1.7% | 2.3% | -0.6% | Other | 1.7% | 5.2% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 16 | 12.6% | 19.2% | NW | N/A | N/A | N/A |
| White | 97 | 87.4% | 80.8% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .398 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .658 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 50.0% | 0.0% | 33.3% | 16.7% | NW | 0 | N/A |
| Hispanic | 25.0% | 10.0% | 60.0% | 5.0% | White | 0 | N/A |
| White | 53.0% | 20.5% | 23.1% | 3.4% | | | |
| Other | 0.0% | 33.3% | 66.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .027* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MARION POLICE DEPARTMENT

| Total Citations ¹ : 218 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 18.4% | Citations per 1000 | |
| | Passing through: | 81.6% | 18 + residents: | 54 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 207) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.82 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 41.1% | | | | Female N/A | | | |
| Male 58.5% | | | | Male N/A | | | |
| Non-binary 0.5% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 9.0% | | | | AA/Black N/A | | | |
| Hispanic 2.0% | | | | Hispanic N/A | | | |
| White 88.6% | | | | White N/A | | | |
| Other 0.5% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.0% | 1.4% | 7.6% | AA/Black | 9.0% | 14.5% | -5.5% |
| Hispanic | 2.0% | 4.4% | -2.4% | Hispanic | 2.0% | 15.2% | -13.2% |
| White | 88.6% | 84.7% | 3.9% | White | 88.6% | 65.1% | 23.5% |
| Other | 0.5% | 5.3% | -4.8% | Other | 0.5% | 5.2% | -4.7% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 21 | 10.7% | 13.9% | NW | N/A | N/A | N/A |
| White | 165 | 89.3% | 86.1% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .583 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .529 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|---------------|--------------|--------------|-------------|-----------------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 47.4% | 10.5% | 36.8% | 5.3% | NW | 0 | N/A |
| Hispanic | 60.0% | 0.0% | 40.0% | 0.0% | White | 0 | N/A |
| White | 75.9% | 7.0% | 14.4% | 2.7% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .324 | <i>not sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MARLBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 1,448 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 46.9% | Citations per 1000 | |
| | Passing through: | 53.1% | 18 + residents: | 46 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,101) | | | | ITP Stops ³ (N = 388) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.18 | | | | 37.71 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.8% | | | | Female 34.4% | | | |
| Male 64.2% | | | | Male 65.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.6% | | | | Race % Mis/Unk ⁴ 5.7% | | | |
| AA/Black 4.8% | | | | AA/Black 4.6% | | | |
| Hispanic 16.9% | | | | Hispanic 20.8% | | | |
| White 75.6% | | | | White 70.5% | | | |
| Other 2.8% | | | | Other 4.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.8% | 3.8% | 1.0% | AA/Black | 4.8% | 14.5% | -9.7% |
| Hispanic | 16.9% | 15.1% | 1.8% | Hispanic | 16.9% | 15.2% | 1.7% |
| White | 75.6% | 69.2% | 6.4% | White | 75.6% | 65.1% | 10.5% |
| Other | 2.8% | 9.8% | -7.0% | Other | 2.8% | 5.2% | -2.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 239 | 21.8% | 29.5% | NW | 96 | 31.1% | 24.3% |
| White | 748 | 78.2% | 70.5% | White | 237 | 68.9% | 75.7% |
| Chi-square, X-tab ⁶ : .009* sig. | | | | Chi-square, X-tab ⁶ : .199 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .666* sig. | | | | Odds ratio Exp(B) ⁷ : 1.093 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 41.5% | 23.1% | 29.2% | 6.2% | NW | 3 | N/A |
| Hispanic | 34.0% | 19.0% | 39.9% | 7.1% | White | 11 | N/A |
| White | 47.7% | 25.8% | 22.9% | 3.7% | | | |
| Other | 59.0% | 30.8% | 10.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MARSHFIELD POLICE DEPARTMENT

| Total Citations ¹ : 286 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 55.3% | Citations per 1000 | |
| | Passing through: | 44.7% | 18 + residents: | 11 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 226) | | | | ITP Stops ³ (N = 90) | | | |
|----------------------------------|--|--|--|---------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.53 | | | | 38.41 | | | |
| Gender % | | | | Gender % | | | |
| Female 24.3% | | | | Female 24.4% | | | |
| Male 75.7% | | | | Male 75.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 7.5% | | | | AA/Black 10.0% | | | |
| Hispanic 4.2% | | | | Hispanic 3.3% | | | |
| White 87.7% | | | | White 86.7% | | | |
| Other 0.5% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.5% | 0.6% | 6.9% | AA/Black | 7.5% | 14.5% | -7.0% |
| Hispanic | 4.2% | 2.1% | 2.1% | Hispanic | 4.2% | 15.2% | -11.0% |
| White | 87.7% | 96.3% | -8.6% | White | 87.7% | 65.1% | 22.6% |
| Other | 0.5% | 1.6% | -1.1% | Other | 0.5% | 5.2% | -4.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 25 | 21.6% | 9.9% | NW | N/A | N/A | N/A |
| White | 140 | 78.4% | 90.1% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .037* sig. | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : 2.848* sig. | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 8.7% | 13.0% | 78.3% | 0.0% | NW | 0 | N/A |
| Hispanic | 8.3% | 0.0% | 91.7% | 0.0% | White | 5 | N/A |
| White | 16.7% | 27.0% | 49.4% | 6.9% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .016* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASHPEE POLICE DEPARTMENT

| Total Citations ¹ : 368 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 25.2% | Citations per 1000 | |
| | Passing through: | 74.8% | 18 + residents: | 30.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 317) | | | | ITP Stops ³ (N = 91) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.54 | | | | 35.68 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.0% | | | | Female 25.8% | | | |
| Male 70.7% | | | | Male 73.0% | | | |
| Non-binary 0.3% | | | | Non-binary 1.1% | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ 5.5% | | | |
| AA/Black 15.6% | | | | AA/Black 14.0% | | | |
| Hispanic 5.2% | | | | Hispanic 4.7% | | | |
| White 78.2% | | | | White 81.4% | | | |
| Other 1.0% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 15.6% | 3.2% | 12.4% | AA/Black | 15.6% | 14.5% | 1.1% |
| Hispanic | 5.2% | 0.6% | 4.6% | Hispanic | 5.2% | 15.2% | -10.0% |
| White | 78.2% | 85.7% | -7.5% | White | 78.2% | 65.1% | 13.1% |
| Other | 1.0% | 9.6% | -8.6% | Other | 1.0% | 5.2% | -4.2% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 61 | 21.9% | 22.0% | NW | N/A | N/A | N/A |
| White | 217 | 78.1% | 78.0% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .980 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .831 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 10.9% | 7.3% | 80.0% | 1.8% | NW | 4 | N/A |
| Hispanic | 0.0% | 10.5% | 84.2% | 5.3% | White | 4 | N/A |
| White | 7.5% | 24.6% | 57.1% | 10.7% | | | |
| Other | 33.3% | 0.0% | 66.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .006* | <i>sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MATTAPOISETT POLICE DEPARTMENT

| Total Citations ¹ : 1,021 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 19.8% | Citations per 1000 | |
| | Passing through: | 80.2% | 18 + residents: | 187 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 989) | | | | ITP Stops ³ (N = 383) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.14 | | | | 37.96 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.6% | | | | Female 37.8% | | | |
| Male 59.2% | | | | Male 61.9% | | | |
| Non-binary 0.2% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 3.0% | | | | Race % Mis/Unk ⁴ 2.6% | | | |
| AA/Black 6.6% | | | | AA/Black 7.5% | | | |
| Hispanic 4.1% | | | | Hispanic 4.6% | | | |
| White 88.8% | | | | White 87.1% | | | |
| Other 0.5% | | | | Other 0.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.6% | 0.0% | 6.6% | AA/Black | 6.6% | 14.5% | -7.9% |
| Hispanic | 4.1% | 2.4% | 1.7% | Hispanic | 4.1% | 15.2% | -11.1% |
| White | 88.8% | 95.2% | -6.4% | White | 88.8% | 65.1% | 23.7% |
| Other | 0.5% | 1.5% | -1.0% | Other | 0.5% | 5.2% | -4.7% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 104 | 10.5% | 12.8% | NW | 45 | 13.6% | 10.9% |
| White | 829 | 89.5% | 87.2% | White | 304 | 86.4% | 89.1% |
| Chi-square, X-tab ⁶ : .309 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .500 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .782 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.557 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 74.2% | 6.1% | 15.2% | 4.5% | NW | 1 | N/A |
| Hispanic | 61.5% | 5.1% | 25.6% | 7.7% | White | 0 | N/A |
| White | 81.8% | 5.3% | 9.3% | 3.5% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .054 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MAYNARD POLICE DEPARTMENT

| Total Citations ¹ : 935 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 23.0% | Citations per 1000 | |
| | Passing through: | 77.0% | 18 + residents: | 105.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 878) | | | | ITP Stops ³ (N = 363) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.87 | | | | 36.94 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.2% | | | | Female 32.4% | | | |
| Male 65.7% | | | | Male 67.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ 2.8% | | | |
| AA/Black 8.3% | | | | AA/Black 7.6% | | | |
| Hispanic 10.0% | | | | Hispanic 9.1% | | | |
| White 77.3% | | | | White 78.8% | | | |
| Other 4.4% | | | | Other 4.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.3% | 1.3% | 7.0% | AA/Black | 8.3% | 14.5% | -6.2% |
| Hispanic | 10.0% | 3.4% | 6.6% | Hispanic | 10.0% | 15.2% | -5.2% |
| White | 77.3% | 91.9% | -14.6% | White | 77.3% | 65.1% | 12.2% |
| Other | 4.4% | 3.4% | 1.0% | Other | 4.4% | 5.2% | -0.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 187 | 21.3% | 25.2% | NW | 67 | 20.3% | 21.6% |
| White | 639 | 78.7% | 74.8% | White | 254 | 79.7% | 78.4% |
| Chi-square, X-tab ⁶ : | | .201 | not sig. | Chi-square, X-tab ⁶ : | | .784 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .840 | not sig. | Odds ratio Exp(B) ⁷ : | | .991 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 59.5% | 12.7% | 25.3% | 2.5% | NW | 0 | N/A |
| Hispanic | 47.0% | 8.0% | 30.0% | 15.0% | White | 0 | N/A |
| White | 69.0% | 14.7% | 12.3% | 4.0% | | | |
| Other | 72.5% | 12.5% | 10.0% | 5.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MEDFIELD POLICE DEPARTMENT

| Total Citations ¹ : 437 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 24.0% | Citations per 1000 | |
| | Passing through: | 76.0% | 18 + residents: | 48.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 412) | | | | ITP Stops ³ (N = 147) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.85 | | | | 37.01 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.4% | | | | Female 39.5% | | | |
| Male 56.6% | | | | Male 60.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.8% | | | | Race % Mis/Unk ⁴ 5.4% | | | |
| AA/Black 6.6% | | | | AA/Black 4.3% | | | |
| Hispanic 5.0% | | | | Hispanic 5.0% | | | |
| White 85.3% | | | | White 87.1% | | | |
| Other 3.2% | | | | Other 3.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.6% | 0.9% | 5.7% | AA/Black | 6.6% | 14.5% | -7.9% |
| Hispanic | 5.0% | 91.1% | -86.1% | Hispanic | 5.0% | 15.2% | -10.2% |
| White | 85.3% | 91.1% | -5.8% | White | 85.3% | 65.1% | 20.2% |
| Other | 3.2% | 6.1% | -2.9% | Other | 3.2% | 5.2% | -2.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 49 | 14.4% | 11.1% | NW | N/A | N/A | N/A |
| White | 305 | 85.6% | 88.9% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .489 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.015 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 64.0% | 20.0% | 16.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 57.9% | 21.1% | 15.8% | 5.3% | White | 0 | N/A |
| White | 80.4% | 15.0% | 4.0% | 0.6% | | | |
| Other | 75.0% | 25.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .017* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MEDFORD POLICE DEPARTMENT

| Total Citations ¹ : 1,267 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 27.8% | Citations per 1000 | |
| | Passing through: | 72.2% | 18 + residents: | 25.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,178) | | | | ITP Stops ³ (N = 503) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.5 | | | | 39.11 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.5% | | | | Female 34.2% | | | |
| Male 67.5% | | | | Male 65.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 8.2% | | | | Race % Mis/Unk ⁴ 9.1% | | | |
| AA/Black 16.4% | | | | AA/Black 14.4% | | | |
| Hispanic 14.8% | | | | Hispanic 14.4% | | | |
| White 59.5% | | | | White 62.1% | | | |
| Other 9.3% | | | | Other 9.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 16.4% | 9.2% | 7.2% | AA/Black | 16.4% | 14.5% | 1.9% |
| Hispanic | 14.8% | 0.5% | 14.3% | Hispanic | 14.8% | 15.2% | -0.4% |
| White | 59.5% | 71.1% | -11.6% | White | 59.5% | 65.1% | -5.6% |
| Other | 9.3% | 14.3% | -5.0% | Other | 9.3% | 5.2% | 4.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 412 | 35.9% | 48.6% | NW | 155 | 33.5% | 42.4% |
| White | 607 | 64.1% | 51.4% | White | 259 | 66.5% | 57.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .063 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .569* sig. | | | | Odds ratio Exp(B) ⁷ : .499* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 54.8% | 16.1% | 22.1% | 7.0% | NW | 8 | N/A |
| Hispanic | 53.5% | 14.0% | 29.1% | 3.5% | White | 6 | N/A |
| White | 66.4% | 19.0% | 11.8% | 2.8% | | | |
| Other | 70.6% | 20.2% | 6.4% | 2.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MEDWAY POLICE DEPARTMENT

| Total Citations ¹ : 2,341 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 26.5% | Citations per 1000 | |
| | Passing through: | 73.5% | 18 + residents: | 230.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,300) | | | | ITP Stops ³ (N = 557) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.87 | | | | 40.03 | | | |
| Gender % | | | | Gender % | | | |
| Female 46.2% | | | | Female 43.4% | | | |
| Male 53.7% | | | | Male 56.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.3% | | | | Race % Mis/Unk ⁴ 0.2% | | | |
| AA/Black 2.7% | | | | AA/Black 3.8% | | | |
| Hispanic 6.7% | | | | Hispanic 5.8% | | | |
| White 86.3% | | | | White 87.1% | | | |
| Other 4.2% | | | | Other 3.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.7% | 2.8% | -0.1% | AA/Black | 2.7% | 14.5% | -11.8% |
| Hispanic | 6.7% | 2.6% | 4.1% | Hispanic | 6.7% | 15.2% | -8.5% |
| White | 86.3% | 90.0% | -3.7% | White | 86.3% | 65.1% | 21.2% |
| Other | 4.2% | 6.1% | -1.9% | Other | 4.2% | 5.2% | -1.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 306 | 13.8% | 12.0% | NW | 64 | 13.4% | 10.1% |
| White | 1,930 | 86.2% | 88.0% | White | 435 | 86.6% | 89.9% |
| Chi-square, X-tab ⁶ : .529 not sig. | | | | Chi-square, X-tab ⁶ : .398 not sig. | | | |
| Odds ratio Exp(B) ⁷ : 1.071 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.263 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 90.6% | 3.1% | 4.7% | 1.6% | NW | 0 | N/A |
| Hispanic | 74.8% | 4.4% | 19.5% | 1.3% | White | 2 | N/A |
| White | 94.5% | 2.6% | 2.1% | 0.8% | | | |
| Other | 98.0% | 2.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MELROSE POLICE DEPARTMENT

| Total Citations ¹ : 316 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 24.6% | Citations per 1000 | |
| | Passing through: | 75.4% | 18 + residents: | 13.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 272) | | | | ITP Stops ³ (N = N/A) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 42.55 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 40.3% | | | | Female N/A | | | |
| Male 59.3% | | | | Male N/A | | | |
| Non-binary 0.4% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 12.9% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 7.6% | | | | AA/Black N/A | | | |
| Hispanic 3.8% | | | | Hispanic N/A | | | |
| White 80.6% | | | | White N/A | | | |
| Other 8.0% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.6% | 3.4% | 4.2% | AA/Black | 7.6% | 14.5% | -6.9% |
| Hispanic | 3.8% | 3.5% | 0.3% | Hispanic | 3.8% | 15.2% | -11.4% |
| White | 80.6% | 80.8% | -0.2% | White | 80.6% | 65.1% | 15.5% |
| Other | 8.0% | 12.8% | -4.8% | Other | 8.0% | 5.2% | 2.8% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 43 | 19.3% | 20.6% | NW | N/A | N/A | N/A |
| White | 178 | 80.7% | 79.4% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .856 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .684 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-----------------|-------------|-------|----------|------------|
| AA/Black | 69.6% | 8.7% | 21.7% | 0.0% | NW | 0 | N/A |
| Hispanic | 63.6% | 0.0% | 36.4% | 0.0% | White | 4 | N/A |
| White | 70.5% | 9.4% | 18.8% | 1.3% | | | |
| Other | 66.7% | 28.6% | 4.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .158 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MENDON POLICE DEPARTMENT

| Total Citations ¹ : 1,088 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 6.9% | Citations per 1000 | |
| | Passing through: | 93.1% | 18 + residents: | 229.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,036) | | | | ITP Stops ³ (N = 346) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.81 | | | | 34.79 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.6% | | | | Female 28.8% | | | |
| Male 68.4% | | | | Male 71.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 1.7% | | | |
| AA/Black 4.4% | | | | AA/Black 2.9% | | | |
| Hispanic 10.0% | | | | Hispanic 10.3% | | | |
| White 84.0% | | | | White 85.6% | | | |
| Other 1.7% | | | | Other 1.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.4% | 0.1% | 4.3% | AA/Black | 4.4% | 14.5% | -10.1% |
| Hispanic | 10.0% | 2.3% | 7.7% | Hispanic | 10.0% | 15.2% | -5.2% |
| White | 84.0% | 92.3% | -8.3% | White | 84.0% | 65.1% | 18.9% |
| Other | 1.7% | 5.3% | -3.6% | Other | 1.7% | 5.2% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 156 | 14.2% | 21.2% | NW | 42 | 14.1% | 17.3% |
| White | 798 | 85.8% | 78.8% | White | 233 | 85.9% | 82.7% |
| Chi-square, X-tab ⁶ : | | .007* | sig. | Chi-square, X-tab ⁶ : | | .477 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .606* | sig. | Odds ratio Exp(B) ⁷ : | | .746 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 47.9% | 18.8% | 27.1% | 6.3% | NW | 0 | N/A |
| Hispanic | 27.0% | 13.9% | 54.8% | 4.3% | White | 0 | N/A |
| White | 63.3% | 18.8% | 16.6% | 1.2% | | | |
| Other | 66.7% | 16.7% | 11.1% | 5.6% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MERRIMAC POLICE DEPARTMENT

| Total Citations ¹ : 368 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 29.0% | Citations per 1000 | |
| | Passing through: | 71.0% | 18 + residents: | 68.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 352) | | | | ITP Stops ³ (N = 121) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.78 | | | | 41.46 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.3% | | | | Female 41.3% | | | |
| Male 56.4% | | | | Male 58.7% | | | |
| Non-binary 0.3% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.7% | | | | Race % Mis/Unk ⁴ 2.5% | | | |
| AA/Black 2.1% | | | | AA/Black 3.4% | | | |
| Hispanic 4.4% | | | | Hispanic 4.2% | | | |
| White 93.2% | | | | White 92.4% | | | |
| Other 0.3% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.1% | 0.0% | 2.1% | AA/Black | 2.1% | 14.5% | -12.4% |
| Hispanic | 4.4% | 1.4% | 3.0% | Hispanic | 4.4% | 15.2% | -10.8% |
| White | 93.2% | 92.4% | 0.8% | White | 93.2% | 65.1% | 28.1% |
| Other | 0.3% | 6.2% | -5.9% | Other | 0.3% | 5.2% | -4.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 21 | 3.5% | 10.2% | NW | N/A | N/A | N/A |
| White | 299 | 96.5% | 89.8% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .015* sig. | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .317* sig. | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|---------------|--------------|-------------|-------|----------|------------|
| AA/Black | 85.7% | 0.0% | 14.3% | 0.0% | NW | 0 | N/A |
| Hispanic | 62.5% | 6.3% | 25.0% | 6.3% | White | 0 | N/A |
| White | 78.8% | 6.4% | 12.7% | 2.1% | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .030* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

METHUEN POLICE DEPARTMENT

| Total Citations ¹ : 2,607 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 30.2% | Citations per 1000 | |
| | Passing through: | 69.8% | 18 + residents: | 65 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,329) | | | | ITP Stops ³ (N = 957) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.7 | | | | 34.67 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.6% | | | | Female 31.8% | | | |
| Male 66.4% | | | | Male 68.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 20.2% | | | | Race % Mis/Unk ⁴ 23.7% | | | |
| AA/Black 8.0% | | | | AA/Black 7.9% | | | |
| Hispanic 48.7% | | | | Hispanic 50.4% | | | |
| White 41.0% | | | | White 39.2% | | | |
| Other 2.3% | | | | Other 2.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.0% | 4.3% | 3.7% | AA/Black | 8.0% | 14.5% | -6.5% |
| Hispanic | 48.7% | 29.5% | 19.2% | Hispanic | 48.7% | 15.2% | 33.5% |
| White | 41.0% | 60.9% | -19.9% | White | 41.0% | 65.1% | -24.1% |
| Other | 2.3% | 8.3% | -6.0% | Other | 2.3% | 5.2% | -2.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,042 | 55.9% | 66.0% | NW | 397 | 60.0% | 63.2% |
| White | 713 | 44.1% | 34.0% | White | 252 | 40.0% | 36.8% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .408 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .677* | sig. | Odds ratio Exp(B) ⁷ : | | .621* | sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 70.3% | 17.1% | 12.0% | 0.6% | NW | 14 | N/A |
| Hispanic | 62.9% | 18.7% | 14.2% | 4.1% | White | 7 | N/A |
| White | 73.0% | 14.6% | 9.4% | 3.1% | | | |
| Other | 77.1% | 20.8% | 2.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MIDDLEBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 558 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 35.8% | Citations per 1000 | |
| | Passing through: | 64.2% | 18 + residents: | 27.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 383) | | | | ITP Stops ³ (N = 144) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.47 | | | | 36.03 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.6% | | | | Female 31.5% | | | |
| Male 67.4% | | | | Male 68.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.1% | | | | Race % Mis/Unk ⁴ 0.7% | | | |
| AA/Black 10.1% | | | | AA/Black 9.1% | | | |
| Hispanic 1.1% | | | | Hispanic 1.4% | | | |
| White 88.3% | | | | White 89.5% | | | |
| Other 0.5% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.1% | 2.1% | 8.0% | AA/Black | 10.1% | 14.5% | -4.4% |
| Hispanic | 1.1% | 3.0% | -1.9% | Hispanic | 1.1% | 15.2% | -14.1% |
| White | 88.3% | 92.2% | -3.9% | White | 88.3% | 65.1% | 23.2% |
| Other | 0.5% | 2.0% | -1.5% | Other | 0.5% | 5.2% | -4.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 41 | 9.6% | 15.3% | NW | 15 | 8.3% | 17.4% |
| White | 294 | 90.4% | 84.7% | White | 115 | 91.7% | 82.6% |
| Chi-square, X-tab ⁶ : | | .110 | not sig. | Chi-square, X-tab ⁶ : | | .122 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .612 | not sig. | Odds ratio Exp(B) ⁷ : | | .351 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 33.3% | 19.6% | 37.3% | 9.8% | NW | 2 | N/A |
| Hispanic | 75.0% | 0.0% | 25.0% | 0.0% | White | 10 | N/A |
| White | 40.1% | 18.7% | 29.7% | 11.4% | | | |
| Other | 0.0% | 0.0% | 20.0% | 80.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .001* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MIDDLETON POLICE DEPARTMENT

| Total Citations ¹ : 854 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 12.2% | Citations per 1000 | |
| | Passing through: | 87.8% | 18 + residents: | 104.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 823) | | | | ITP Stops ³ (N = 264) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.96 | | | | 38.32 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.8% | | | | Female 38.3% | | | |
| Male 63.2% | | | | Male 61.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 3.7% | | | | AA/Black 4.2% | | | |
| Hispanic 16.8% | | | | Hispanic 21.8% | | | |
| White 75.4% | | | | White 68.6% | | | |
| Other 4.1% | | | | Other 5.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.7% | 1.5% | 2.2% | AA/Black | 3.7% | 14.5% | -10.8% |
| Hispanic | 16.8% | 6.2% | 10.6% | Hispanic | 16.8% | 15.2% | 1.6% |
| White | 75.4% | 90.3% | -14.9% | White | 75.4% | 65.1% | 10.3% |
| Other | 4.1% | 4.7% | -0.6% | Other | 4.1% | 5.2% | -1.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 185 | 19.9% | 36.3% | NW | 69 | 27.5% | 36.8% |
| White | 585 | 80.1% | 63.7% | White | 159 | 72.5% | 63.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .164 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .416* sig. | | | | Odds ratio Exp(B) ⁷ : .464 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 80.6% | 16.1% | 3.2% | 0.0% | NW | 0 | N/A |
| Hispanic | 67.4% | 11.3% | 18.4% | 2.8% | White | 2 | N/A |
| White | 80.4% | 11.5% | 6.5% | 1.6% | | | |
| Other | 94.1% | 5.9% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MILFORD POLICE DEPARTMENT

| Total Citations ¹ : 1,869 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 55.2% | Citations per 1000 | |
| | Passing through: | 44.8% | 18 + residents: | 83.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,650) | | | | ITP Stops ³ (N = 593) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.76 | | | | 34.37 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.6% | | | | Female 27.5% | | | |
| Male 69.4% | | | | Male 72.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 1.7% | | | |
| AA/Black 3.7% | | | | AA/Black 2.9% | | | |
| Hispanic 9.8% | | | | Hispanic 13.0% | | | |
| White 85.1% | | | | White 83.4% | | | |
| Other 1.4% | | | | Other 0.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.7% | 2.3% | 1.4% | AA/Black | 3.7% | 14.5% | -10.8% |
| Hispanic | 9.8% | 14.0% | -4.2% | Hispanic | 9.8% | 15.2% | -5.4% |
| White | 85.1% | 73.8% | 11.3% | White | 85.1% | 65.1% | 20.0% |
| Other | 1.4% | 5.4% | -4.0% | Other | 1.4% | 5.2% | -3.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 225 | 13.3% | 18.5% | NW | 87 | 13.3% | 20.6% |
| White | 1,246 | 86.7% | 81.5% | White | 442 | 86.7% | 79.4% |
| Chi-square, X-tab ⁶ : .007* sig. | | | | Chi-square, X-tab ⁶ : .024* sig. | | | |
| Odds ratio Exp(B) ⁷ : .712* sig. | | | | Odds ratio Exp(B) ⁷ : .393* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 66.2% | 7.4% | 20.6% | 5.9% | NW | 3 | N/A |
| Hispanic | 28.4% | 2.1% | 61.6% | 7.9% | White | 12 | N/A |
| White | 59.0% | 3.2% | 34.6% | 3.3% | | | |
| Other | 91.3% | 4.3% | 0.0% | 4.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MILLBURY POLICE DEPARTMENT

| Total Citations ¹ : 236 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 28.0% | Citations per 1000 | |
| | Passing through: | 72.0% | 18 + residents: | 21.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 193) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.71 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 31.9% | | | | Female N/A | | | |
| Male 68.1% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 7.8% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 11.2% | | | | AA/Black N/A | | | |
| Hispanic 13.5% | | | | Hispanic N/A | | | |
| White 74.2% | | | | White N/A | | | |
| Other 1.1% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.2% | 1.4% | 9.8% | AA/Black | 11.2% | 14.5% | -3.3% |
| Hispanic | 13.5% | 1.2% | 12.3% | Hispanic | 13.5% | 15.2% | -1.7% |
| White | 74.2% | 91.1% | -16.9% | White | 74.2% | 65.1% | 9.1% |
| Other | 1.1% | 5.4% | -4.3% | Other | 1.1% | 5.2% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 37 | 19.1% | 35.3% | NW | N/A | N/A | N/A |
| White | 99 | 80.9% | 64.7% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .034* | sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .405* | sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 26.9% | 11.5% | 50.0% | 11.5% | NW | 0 | N/A |
| Hispanic | 34.5% | 6.9% | 48.3% | 10.3% | White | 2 | N/A |
| White | 34.2% | 19.6% | 35.4% | 10.8% | | | |
| Other | 25.0% | 0.0% | 25.0% | 50.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .246 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MILLIS POLICE DEPARTMENT

| Total Citations ¹ : 396 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 16.4% | Citations per 1000 | |
| | Passing through: | 83.6% | 18 + residents: | 61 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 366) | | | | ITP Stops ³ (N = 119) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.22 | | | | 36.25 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.3% | | | | Female 33.6% | | | |
| Male 69.4% | | | | Male 65.6% | | | |
| Non-binary 0.3% | | | | Non-binary 0.9% | | | |
| Race % Mis/Unk ⁴ 6.0% | | | | Race % Mis/Unk ⁴ 12.6% | | | |
| AA/Black 4.1% | | | | AA/Black 5.8% | | | |
| Hispanic 9.0% | | | | Hispanic 3.8% | | | |
| White 84.3% | | | | White 88.5% | | | |
| Other 2.6% | | | | Other 1.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.1% | 2.3% | 1.8% | AA/Black | 4.1% | 14.5% | -10.4% |
| Hispanic | 9.0% | 2.3% | 6.7% | Hispanic | 9.0% | 15.2% | -6.2% |
| White | 84.3% | 92.9% | -8.6% | White | 84.3% | 65.1% | 19.2% |
| Other | 2.6% | 1.7% | 0.9% | Other | 2.6% | 5.2% | -2.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 53 | 16.8% | 13.0% | NW | N/A | N/A | N/A |
| White | 283 | 83.2% | 87.0% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .399 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.562 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 50.0% | 18.8% | 31.3% | 0.0% | NW | 1 | N/A |
| Hispanic | 23.5% | 2.9% | 73.5% | 0.0% | White | 4 | N/A |
| White | 66.6% | 9.6% | 19.3% | 4.5% | | | |
| Other | 63.6% | 18.2% | 18.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MILLVILLE POLICE DEPARTMENT

| Total Citations ¹ : 197 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 13.4% | Citations per 1000 | |
| | Passing through: | 86.6% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 194) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.21 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 40.4% | | | | Female N/A | | | |
| Male 59.6% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 6.7% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 6.1% | | | | AA/Black N/A | | | |
| Hispanic 6.1% | | | | Hispanic N/A | | | |
| White 85.6% | | | | White N/A | | | |
| Other 2.2% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.1% | N/A | N/A | AA/Black | 6.1% | 14.5% | -8.4% |
| Hispanic | 6.1% | N/A | N/A | Hispanic | 6.1% | 15.2% | -9.1% |
| White | 85.6% | N/A | N/A | White | 85.6% | 65.1% | 20.5% |
| Other | 2.2% | N/A | N/A | Other | 2.2% | 5.2% | -3.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 26 | 12.3% | 20.9% | NW | N/A | N/A | N/A |
| White | 155 | 87.7% | 79.1% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .160 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .534 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|----------|----------|------------|
| AA/Black | 27.3% | 27.3% | 45.5% | 0.0% | NW | 0 | N/A |
| Hispanic | 63.6% | 18.2% | 18.2% | 0.0% | White | 1 | N/A |
| White | 58.9% | 20.9% | 18.4% | 1.9% | | | |
| Other | 50.0% | 50.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .453 | not sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MILTON POLICE DEPARTMENT

| Total Citations ¹ : 1,183 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 13.8% | Citations per 1000 | |
| | Passing through: | 86.2% | 18 + residents: | 56.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,095) | | | | ITP Stops ³ (N = 184) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.44 | | | | 38.56 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.1% | | | | Female 42.6% | | | |
| Male 60.9% | | | | Male 57.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.8% | | | | Race % Mis/Unk ⁴ 2.7% | | | |
| AA/Black 51.5% | | | | AA/Black 43.0% | | | |
| Hispanic 13.3% | | | | Hispanic 17.3% | | | |
| White 31.1% | | | | White 34.1% | | | |
| Other 4.1% | | | | Other 5.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 51.5% | 15.1% | 36.4% | AA/Black | 51.5% | 14.5% | 37.0% |
| Hispanic | 13.3% | 3.2% | 10.1% | Hispanic | 13.3% | 15.2% | -1.9% |
| White | 31.1% | 71.7% | -40.6% | White | 31.1% | 65.1% | -34.0% |
| Other | 4.1% | 10.6% | -6.5% | Other | 4.1% | 5.2% | -1.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 717 | 68.6% | 82.6% | NW | N/A | N/A | N/A |
| White | 323 | 31.4% | 17.4% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .152 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .545 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 82.4% | 6.3% | 10.7% | 0.7% | NW | 3 | N/A |
| Hispanic | 81.8% | 4.7% | 12.8% | 0.7% | White | 2 | N/A |
| White | 87.6% | 7.2% | 4.9% | 0.3% | | | |
| Other | 83.7% | 14.3% | 2.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .014* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MONSON POLICE DEPARTMENT

| Total Citations ¹ : 597 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 30.3% | Citations per 1000 | |
| | Passing through: | 69.7% | 18 + residents: | 82.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 557) | | | | ITP Stops ³ (N = 204) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 33.95 | | | | 33.51 | | | |
| Gender % | | | | Gender % | | | |
| Female 25.5% | | | | Female 21.7% | | | |
| Male 74.5% | | | | Male 78.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.5% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 6.4% | | | | AA/Black 6.4% | | | |
| Hispanic 5.5% | | | | Hispanic 5.9% | | | |
| White 87.3% | | | | White 86.6% | | | |
| Other 0.7% | | | | Other 1.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.4% | 1.1% | 5.3% | AA/Black | 6.4% | 14.5% | -8.1% |
| Hispanic | 5.5% | 1.5% | 4.0% | Hispanic | 5.5% | 15.2% | -9.7% |
| White | 87.3% | 95.9% | -8.6% | White | 87.3% | 65.1% | 22.2% |
| Other | 0.7% | 2.0% | -1.3% | Other | 0.7% | 5.2% | -4.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 61 | 11.0% | 14.6% | NW | 23 | 15.5% | 9.4% |
| White | 422 | 89.0% | 85.4% | White | 159 | 84.5% | 90.6% |
| Chi-square, X-tab ⁶ : | | .323 | not sig. | Chi-square, X-tab ⁶ : | | .220 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .612 | not sig. | Odds ratio Exp(B) ⁷ : | | 2.221 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 36.6% | 2.4% | 39.0% | 22.0% | NW | 6 | N/A |
| Hispanic | 43.8% | 15.6% | 15.6% | 25.0% | White | 17 | N/A |
| White | 55.1% | 20.6% | 12.5% | 11.9% | | | |
| Other | 75.0% | 25.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* sig. | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MONTAGUE POLICE DEPARTMENT

| Total Citations ¹ : 639 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 11.8% | Citations per 1000 | |
| | Passing through: | 88.2% | 18 + residents: | 92.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 586) | | | | ITP Stops ³ (N = 311) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.39 | | | | 38.43 | | | |
| Gender % | | | | Gender % | | | |
| Female 48.4% | | | | Female 48.7% | | | |
| Male 51.6% | | | | Male 51.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 3.5% | | | | AA/Black 3.6% | | | |
| Hispanic 3.1% | | | | Hispanic 2.6% | | | |
| White 92.4% | | | | White 92.2% | | | |
| Other 1.0% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.5% | 1.9% | 1.6% | AA/Black | 3.5% | 14.5% | -11.0% |
| Hispanic | 3.1% | 4.2% | -1.1% | Hispanic | 3.1% | 15.2% | -12.1% |
| White | 92.4% | 88.9% | 3.5% | White | 92.4% | 65.1% | 27.3% |
| Other | 1.0% | 5.5% | -4.5% | Other | 1.0% | 5.2% | -4.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 42 | 9.3% | 7.2% | NW | 22 | 9.6% | 6.8% |
| White | 460 | 90.7% | 92.8% | White | 245 | 90.4% | 93.2% |
| Chi-square, X-tab ⁶ : .404 not sig. | | | | Chi-square, X-tab ⁶ : .404 not sig. | | | |
| Odds ratio Exp(B) ⁷ : 1.177 not sig. | | | | Odds ratio Exp(B) ⁷ : .870 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|---------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 71.4% | 4.8% | 23.8% | 0.0% | NW | 0 | N/A |
| Hispanic | 71.4% | 4.8% | 19.0% | 4.8% | White | 1 | N/A |
| White | 84.5% | 3.3% | 11.0% | 1.2% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .495 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MONTGOMERY POLICE DEPARTMENT

| Total Citations ¹ : 119 | ZIP Code Match Analysis | | | Stop Rate by City/Town Population | | | | |
|---|-------------------------|----------|--------------|-----------------------------------|--------------------------------------|---------|-----------|----------|
| | Intown motorist: | | | Citations per 1000 | | | | |
| | Passing through: | | | 18 + residents: | | | | |
| | | | 32.2% | N/A | | | | |
| | | | 67.8% | | | | | |
| ¹ Total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |
| All Stops ² (N = 118) | | | | ITP Stops ³ (N = N/A) | | | | |
| Mean age | | | | Mean age | | | | |
| 42.35 | | | | N/A | | | | |
| Gender % | | | | Gender % | | | | |
| Female 40.9% | | | | Female N/A | | | | |
| Male 58.3% | | | | Male N/A | | | | |
| Non-binary 0.9% | | | | Non-binary N/A | | | | |
| Race % Mis/Unk ⁴ 5.1% | | | | Race % Mis/Unk ⁴ N/A | | | | |
| AA/Black 1.8% | | | | AA/Black N/A | | | | |
| Hispanic 7.1% | | | | Hispanic N/A | | | | |
| White 90.2% | | | White N/A | | | | | |
| Other 0.9% | | | Other N/A | | | | | |
| ² Total unique stop incidents by department, excluding multiple-citation encounters and crashes | | | | | | | | |
| ³ Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) | | | | | | | | |
| ⁴ Percentage of cases where race was not reported (missing) or police could not make a determination (unknown) | | | | | | | | |
| Comparative Analyses | | | | | | | | |
| Stops vs. U.S. Census Demographics | | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | | City Dem | % Dif | | Motorist Race | | State Avg | %Dif |
| AA/Black | 1.8% | N/A | N/A | | AA/Black | 1.8% | 14.5% | -12.7% |
| Hispanic | 7.1% | N/A | N/A | | Hispanic | 7.1% | 15.2% | -8.1% |
| White | 90.2% | N/A | N/A | | White | 90.2% | 65.1% | 25.1% |
| Other | 0.9% | N/A | N/A | | Other | 0.9% | 5.2% | -4.3% |
| ⁵ State average represents racial/ethnic breakdown of all 2022 stops by all MA departments | | | | | | | | |
| VoD Analyses | | | | | | | | |
| All Stops ² | | | | | ITP Stops ³ | | | |
| Race N | | Daylight | Darkness | | Race N | | Daylight | Darkness |
| NW | N/A | N/A | N/A | | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | | Odds ratio Exp(B) ⁷ : | | N/A | N/A |
| ⁶ Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone | | | | | | | | |
| ⁷ Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted. | | | | | | | | |
| Citation Outcomes by Race ⁸ | | | | | | | | |
| | Warning | Civil | Criminal | Arrest | | Search? | | |
| AA/Black | 100.0% | 0.0% | 0.0% | 0.0% | NW | 0 | N/A | |
| Hispanic | 12.5% | 75.0% | 0.0% | 12.5% | White | 1 | N/A | |
| White | 51.0% | 47.1% | 2.0% | 0.0% | | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent | |
| Chi-square, X-tab ⁶ : | | | | .019* sig. | | | | |
| ⁸ Analyzes total citations issued by department, including multiple-citation encounters and crashes | | | | | | | | |

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NAHANT POLICE DEPARTMENT

| Total Citations ¹ : 184 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 10.2% | Citations per 1000 | |
| | Passing through: | 89.8% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 177) | | | | ITP Stops ³ (N = N/A) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 33.74 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 29.8% | | | | Female N/A | | | |
| Male 70.2% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 22.6% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 18.2% | | | | AA/Black N/A | | | |
| Hispanic 18.2% | | | | Hispanic N/A | | | |
| White 56.2% | | | | White N/A | | | |
| Other 7.3% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 18.2% | N/A | N/A | AA/Black | 18.2% | 14.5% | 3.7% |
| Hispanic | 18.2% | N/A | N/A | Hispanic | 18.2% | 15.2% | 3.0% |
| White | 56.2% | N/A | N/A | White | 56.2% | 65.1% | -8.9% |
| Other | 7.3% | N/A | N/A | Other | 7.3% | 5.2% | 2.1% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|----|--------------|-----------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 55 | 42.1% | 46.9% | NW | N/A | N/A | N/A |
| White | 70 | 57.9% | 53.1% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .595 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .694 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 29.6% | 33.3% | 37.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 7.4% | 29.6% | 59.3% | 3.7% | White | 2 | N/A |
| White | 50.0% | 18.8% | 26.3% | 5.0% | | | |
| Other | 40.0% | 20.0% | 40.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .014* | <i>sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NANTUCKET POLICE DEPARTMENT

| Total Citations ¹ : 472 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 76.5% | Citations per 1000 | |
| | Passing through: | 23.5% | 18 + residents: | 52.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 396) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.65 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 13.8% | | | | Female N/A | | | |
| Male 86.2% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 4.0% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 13.4% | | | | AA/Black N/A | | | |
| Hispanic 2.9% | | | | Hispanic N/A | | | |
| White 83.4% | | | | White N/A | | | |
| Other 0.3% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.4% | 7.8% | 5.6% | AA/Black | 13.4% | 14.5% | -1.1% |
| Hispanic | 2.9% | 4.2% | -1.3% | Hispanic | 2.9% | 15.2% | -12.3% |
| White | 83.4% | 85.2% | -1.8% | White | 83.4% | 65.1% | 18.3% |
| Other | 0.3% | 4.1% | -3.8% | Other | 0.3% | 5.2% | -4.9% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 58 | 13.7% | 27.7% | NW | N/A | N/A | N/A |
| White | 251 | 86.3% | 72.3% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .002 * | sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .410 * | sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|---------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 15.0% | 28.3% | 56.7% | 0.0% | NW | 1 | N/A |
| Hispanic | 8.3% | 0.0% | 83.3% | 8.3% | White | 1 | N/A |
| White | 10.9% | 35.3% | 52.8% | 1.1% | | | |
| Other | 0.0% | 0.0% | 100.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .091 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NATICK POLICE DEPARTMENT

| Total Citations ¹ : 1,938 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 23.5% | Citations per 1000 | |
| | Passing through: | 76.5% | 18 + residents: | 70.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,484) | | | | ITP Stops ³ (N = 424) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.18 | | | | 39.93 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.1% | | | | Female 39.2% | | | |
| Male 63.9% | | | | Male 60.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ 0.9% | | | |
| AA/Black 12.0% | | | | AA/Black 12.9% | | | |
| Hispanic 11.7% | | | | Hispanic 8.8% | | | |
| White 69.4% | | | | White 71.2% | | | |
| Other 7.0% | | | | Other 7.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.0% | 1.9% | 10.1% | AA/Black | 12.0% | 14.5% | -2.5% |
| Hispanic | 11.7% | 4.1% | 7.6% | Hispanic | 11.7% | 15.2% | -3.5% |
| White | 69.4% | 78.9% | -9.5% | White | 69.4% | 65.1% | 4.3% |
| Other | 7.0% | 15.0% | -8.0% | Other | 7.0% | 5.2% | 1.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 414 | 30.4% | 31.9% | NW | 103 | 28.4% | 26.3% |
| White | 931 | 69.6% | 68.1% | White | 271 | 71.6% | 73.7% |
| Chi-square, X-tab ⁶ : .613 not sig. | | | | Chi-square, X-tab ⁶ : .661 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .927 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.013 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 58.9% | 17.2% | 22.0% | 1.9% | NW | 8 | N/A |
| Hispanic | 43.5% | 15.9% | 35.7% | 4.8% | White | 21 | N/A |
| White | 67.1% | 17.9% | 13.1% | 1.9% | | | |
| Other | 64.0% | 27.2% | 7.0% | 1.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NEEDHAM POLICE DEPARTMENT

| Total Citations ¹ : 1,397 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 28.2% | Citations per 1000 | |
| | Passing through: | 71.8% | 18 + residents: | 60.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,315) | | | | ITP Stops ³ (N = 349) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.12 | | | | 43.13 | | | |
| Gender % | | | | Gender % | | | |
| Female 46.9% | | | | Female 45.5% | | | |
| Male 53.1% | | | | Male 54.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 2.0% | | | |
| AA/Black 5.1% | | | | AA/Black 5.3% | | | |
| Hispanic 7.5% | | | | Hispanic 6.7% | | | |
| White 77.1% | | | | White 75.7% | | | |
| Other 10.3% | | | | Other 12.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.1% | 2.9% | 2.2% | AA/Black | 5.1% | 14.5% | -9.4% |
| Hispanic | 7.5% | 3.2% | 4.3% | Hispanic | 7.5% | 15.2% | -7.7% |
| White | 77.1% | 82.6% | -5.5% | White | 77.1% | 65.1% | 12.0% |
| Other | 10.3% | 11.4% | -1.1% | Other | 10.3% | 5.2% | 5.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 286 | 22.0% | 31.8% | NW | 76 | 22.8% | 30.0% |
| White | 959 | 78.0% | 68.2% | White | 235 | 77.2% | 70.0% |
| Chi-square, X-tab ⁶ : | | .012 * | sig. | Chi-square, X-tab ⁶ : | | .219 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .614 * | sig. | Odds ratio Exp(B) ⁷ : | | .596 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 77.8% | 4.2% | 12.5% | 5.6% | NW | 2 | N/A |
| Hispanic | 64.3% | 13.3% | 20.4% | 2.0% | White | 7 | N/A |
| White | 83.0% | 10.6% | 4.7% | 1.6% | | | |
| Other | 83.2% | 10.9% | 5.1% | 0.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000 * | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NEW BEDFORD POLICE DEPARTMENT

| Total Citations ¹ : 3,197 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 74.9% | Citations per 1000 | |
| | Passing through: | 25.1% | 18 + residents: | 43.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,525) | | | | ITP Stops ³ (N = 823) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.32 | | | | 36.5 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.6% | | | | Female 37.5% | | | |
| Male 62.3% | | | | Male 62.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 5.0% | | | | Race % Mis/Unk ⁴ 3.3% | | | |
| AA/Black 21.6% | | | | AA/Black 20.1% | | | |
| Hispanic 12.2% | | | | Hispanic 12.3% | | | |
| White 65.9% | | | | White 67.5% | | | |
| Other 0.3% | | | | Other 0.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 21.6% | 7.0% | 14.6% | AA/Black | 21.6% | 14.5% | 7.1% |
| Hispanic | 12.2% | 20.8% | -8.6% | Hispanic | 12.2% | 15.2% | -3.0% |
| White | 65.9% | 60.5% | 5.4% | White | 65.9% | 65.1% | 0.8% |
| Other | 0.3% | 6.8% | -6.5% | Other | 0.3% | 5.2% | -4.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 689 | 31.1% | 37.0% | NW | 225 | 31.4% | 32.4% |
| White | 1,371 | 68.9% | 63.0% | White | 482 | 68.6% | 67.6% |
| Chi-square, X-tab ⁶ : | | .006* | sig. | Chi-square, X-tab ⁶ : | | .779 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .795* | sig. | Odds ratio Exp(B) ⁷ : | | .831 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 37.1% | 8.7% | 44.0% | 10.2% | NW | 13 | N/A |
| Hispanic | 33.8% | 9.3% | 47.1% | 9.8% | White | 17 | N/A |
| White | 51.6% | 10.7% | 32.3% | 5.3% | | | |
| Other | 9.1% | 0.0% | 90.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NEW BRAINTREE POLICE DEPARTMENT

| Total Citations ¹ : 115 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 8.3% | Citations per 1000 | |
| | Passing through: | 91.7% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 109) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.89 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 26.6% | | | | Female N/A | | | |
| Male 72.5% | | | | Male N/A | | | |
| Non-binary 0.9% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 0.0% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 4.6% | | | | AA/Black N/A | | | |
| Hispanic 9.2% | | | | Hispanic N/A | | | |
| White 84.4% | | | | White N/A | | | |
| Other 1.8% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.6% | N/A | N/A | AA/Black | 4.6% | 14.5% | -9.9% |
| Hispanic | 9.2% | N/A | N/A | Hispanic | 9.2% | 15.2% | -6.0% |
| White | 84.4% | N/A | N/A | White | 84.4% | 65.1% | 19.3% |
| Other | 1.8% | N/A | N/A | Other | 1.8% | 5.2% | -3.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.0% | 20.0% | 20.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 54.5% | 18.2% | 27.3% | 0.0% | White | 2 | N/A |
| White | 75.0% | 10.4% | 7.3% | 7.3% | | | |
| Other | 66.7% | 33.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .439 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NEW MARLBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 347 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 11.7% | Citations per 1000 | |
| | Passing through: | 88.3% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 333) | | | | ITP Stops ³ (N = 178) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 42.25 | | | | 42.76 | | | |
| Gender % | | | | Gender % | | | |
| Female 25.5% | | | | Female 23.6% | | | |
| Male 74.5% | | | | Male 76.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.6% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 4.5% | | | | AA/Black 5.6% | | | |
| Hispanic 4.8% | | | | Hispanic 3.4% | | | |
| White 89.1% | | | | White 88.8% | | | |
| Other 1.5% | | | | Other 2.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.5% | N/A | N/A | AA/Black | 4.5% | 14.5% | -10.0% |
| Hispanic | 4.8% | N/A | N/A | Hispanic | 4.8% | 15.2% | -10.4% |
| White | 89.1% | N/A | N/A | White | 89.1% | 65.1% | 24.0% |
| Other | 1.5% | N/A | N/A | Other | 1.5% | 5.2% | -3.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 34 | 9.7% | 13.0% | NW | 18 | 12.5% | 8.5% |
| White | 277 | 90.3% | 87.0% | White | 145 | 87.5% | 91.5% |
| Chi-square, X-tab ⁶ : | | .361 | not sig. | Chi-square, X-tab ⁶ : | | .431 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .564 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.205 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 43.8% | 18.8% | 25.0% | 12.5% | NW | 0 | N/A |
| Hispanic | 5.9% | 41.2% | 52.9% | 0.0% | White | 0 | N/A |
| White | 41.7% | 42.3% | 12.7% | 3.3% | | | |
| Other | 20.0% | 80.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* sig. | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NEW SALEM POLICE DEPARTMENT

| Total Citations ¹ : 232 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 1.3% | Citations per 1000 | |
| | Passing through: | 98.7% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 224) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 33 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 26.0% | | | | Female N/A | | | |
| Male 74.0% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 4.0% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 9.7% | | | | AA/Black N/A | | | |
| Hispanic 9.2% | | | | Hispanic N/A | | | |
| White 76.7% | | | | White N/A | | | |
| Other 4.4% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.7% | N/A | N/A | AA/Black | 9.7% | 14.5% | -4.8% |
| Hispanic | 9.2% | N/A | N/A | Hispanic | 9.2% | 15.2% | -6.0% |
| White | 76.7% | N/A | N/A | White | 76.7% | 65.1% | 11.6% |
| Other | 4.4% | N/A | N/A | Other | 4.4% | 5.2% | -0.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 48 | 24.1% | 25.7% | NW | N/A | N/A | N/A |
| White | 149 | 75.9% | 74.3% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .001* | sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .801 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 42.9% | 14.3% | 38.1% | 4.8% | NW | 0 | N/A |
| Hispanic | 20.0% | 10.0% | 55.0% | 15.0% | White | 1 | N/A |
| White | 40.9% | 17.7% | 39.6% | 1.8% | | | |
| Other | 22.2% | 66.7% | 11.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .001* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NEWBURY POLICE DEPARTMENT

| Total Citations ¹ : 257 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 12.7% | Citations per 1000 | |
| | Passing through: | 87.3% | 18 + residents: | 48 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 229) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.45 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 34.6% | | | | Female N/A | | | |
| Male 65.4% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 0.4% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 0.9% | | | | AA/Black N/A | | | |
| Hispanic 6.1% | | | | Hispanic N/A | | | |
| White 92.1% | | | | White N/A | | | |
| Other 0.9% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 0.9% | 1.0% | -0.1% | AA/Black | 0.9% | 14.5% | -13.6% |
| Hispanic | 6.1% | 3.0% | 3.1% | Hispanic | 6.1% | 15.2% | -9.1% |
| White | 92.1% | 92.1% | 0.0% | White | 92.1% | 65.1% | 27.0% |
| Other | 0.9% | 2.8% | -1.9% | Other | 0.9% | 5.2% | -4.3% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|----------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 50.0% | 50.0% | 0.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 13.3% | 26.7% | 60.0% | 0.0% | White | 0 | N/A |
| White | 42.7% | 26.9% | 22.6% | 7.7% | | | |
| Other | 33.3% | 66.7% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .068 | not sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NEWBURYPORT POLICE DEPARTMENT

| Total Citations ¹ : 612 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 35.8% | Citations per 1000 | |
| | Passing through: | 64.2% | 18 + residents: | 42.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 567) | | | | ITP Stops ³ (N = 225) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.56 | | | | 40.92 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.4% | | | | Female 41.8% | | | |
| Male 55.6% | | | | Male 58.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 1.4% | | | | AA/Black 1.8% | | | |
| Hispanic 5.4% | | | | Hispanic 5.9% | | | |
| White 93.0% | | | | White 92.3% | | | |
| Other 0.2% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 1.4% | 1.7% | -0.3% | AA/Black | 1.4% | 14.5% | -13.1% |
| Hispanic | 5.4% | 2.8% | 2.6% | Hispanic | 5.4% | 15.2% | -9.8% |
| White | 93.0% | 92.4% | 0.6% | White | 93.0% | 65.1% | 27.9% |
| Other | 0.2% | 3.9% | -3.7% | Other | 0.2% | 5.2% | -5.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 37 | 6.3% | 9.6% | NW | 15 | 6.5% | 9.0% |
| White | 478 | 93.7% | 90.4% | White | 191 | 93.5% | 91.0% |
| Chi-square, X-tab ⁶ : .200 not sig. | | | | Chi-square, X-tab ⁶ : .521 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .621 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.023 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|---------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 70.0% | 0.0% | 30.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 42.4% | 33.3% | 24.2% | 0.0% | White | 1 | N/A |
| White | 62.7% | 25.7% | 8.8% | 2.9% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .026* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NEWTON POLICE DEPARTMENT

| Total Citations ¹ : 2,502 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 39.4% | Citations per 1000 | |
| | Passing through: | 60.6% | 18 + residents: | 36.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,382) | | | | ITP Stops ³ (N = 1,118) | | | |
|------------------------------------|--|--|--|------------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 44.1 | | | | 43.62 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.8% | | | | Female 42.8% | | | |
| Male 57.2% | | | | Male 57.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 10.7% | | | | AA/Black 8.3% | | | |
| Hispanic 4.9% | | | | Hispanic 5.3% | | | |
| White 74.2% | | | | White 76.0% | | | |
| Other 10.2% | | | | Other 10.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.7% | 3.0% | 7.7% | AA/Black | 10.7% | 14.5% | -3.8% |
| Hispanic | 4.9% | 4.9% | 0.0% | Hispanic | 4.9% | 15.2% | -10.3% |
| White | 74.2% | 73.7% | 0.5% | White | 74.2% | 65.1% | 9.1% |
| Other | 10.2% | 18.4% | -8.2% | Other | 10.2% | 5.2% | 5.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 532 | 24.6% | 30.2% | NW | 232 | 23.4% | 26.0% |
| White | 1,520 | 75.4% | 69.8% | White | 734 | 76.6% | 74.0% |
| Chi-square, X-tab ⁶ : | | .014* | sig. | Chi-square, X-tab ⁶ : | | .428 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .729* | sig. | Odds ratio Exp(B) ⁷ : | | .838 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 83.3% | 7.1% | 9.5% | 0.0% | NW | 1 | N/A |
| Hispanic | 79.7% | 6.5% | 13.8% | 0.0% | White | 1 | N/A |
| White | 89.4% | 5.5% | 5.1% | 0.1% | | | |
| Other | 92.8% | 4.7% | 2.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORFOLK POLICE DEPARTMENT

| Total Citations ¹ : 1,135 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 18.1% | Citations per 1000 | |
| | Passing through: | 81.9% | 18 + residents: | 120.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,084) | | | | ITP Stops ³ (N = 448) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.36 | | | | 37.07 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.9% | | | | Female 29.7% | | | |
| Male 69.9% | | | | Male 70.0% | | | |
| Non-binary 0.3% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 3.0% | | | | Race % Mis/Unk ⁴ 3.8% | | | |
| AA/Black 7.9% | | | | AA/Black 5.3% | | | |
| Hispanic 9.2% | | | | Hispanic 10.9% | | | |
| White 79.4% | | | | White 80.0% | | | |
| Other 3.5% | | | | Other 3.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.9% | 7.4% | 0.5% | AA/Black | 7.9% | 14.5% | -6.6% |
| Hispanic | 9.2% | 7.6% | 1.6% | Hispanic | 9.2% | 15.2% | -6.0% |
| White | 79.4% | 83.2% | -3.8% | White | 79.4% | 65.1% | 14.3% |
| Other | 3.5% | 3.1% | 0.4% | Other | 3.5% | 5.2% | -1.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 209 | 19.7% | 24.6% | NW | 80 | 19.6% | 25.0% |
| White | 787 | 80.3% | 75.4% | White | 298 | 80.4% | 75.0% |
| Chi-square, X-tab ⁶ : | | .090 | not sig. | Chi-square, X-tab ⁶ : | | .248 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .893 | not sig. | Odds ratio Exp(B) ⁷ : | | .916 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 46.4% | 10.7% | 29.8% | 13.1% | NW | 0 | N/A |
| Hispanic | 30.5% | 7.6% | 37.1% | 24.8% | White | 1 | N/A |
| White | 73.8% | 11.2% | 9.3% | 5.7% | | | |
| Other | 82.5% | 5.0% | 10.0% | 2.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTH ADAMS POLICE DEPARTMENT

| Total Citations ¹ : 432 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 57.8% | Citations per 1000 | |
| | Passing through: | 42.2% | 18 + residents: | 41.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 341) | | | | ITP Stops ³ (N = 111) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.03 | | | | 39.68 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.3% | | | | Female 45.5% | | | |
| Male 55.7% | | | | Male 54.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ 0.9% | | | |
| AA/Black 8.2% | | | | AA/Black 6.4% | | | |
| Hispanic 0.9% | | | | Hispanic 0.0% | | | |
| White 90.6% | | | | White 92.7% | | | |
| Other 0.3% | | | | Other 0.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.2% | 1.7% | 6.5% | AA/Black | 8.2% | 14.5% | -6.3% |
| Hispanic | 0.9% | 6.6% | -5.7% | Hispanic | 0.9% | 15.2% | -14.3% |
| White | 90.6% | 86.0% | 4.6% | White | 90.6% | 65.1% | 25.5% |
| Other | 0.3% | 6.9% | -6.6% | Other | 0.3% | 5.2% | -4.9% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 25 | 6.3% | 12.5% | NW | N/A | N/A | N/A |
| White | 262 | 93.7% | 87.5% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .069 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .472 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 26.5% | 5.9% | 58.8% | 8.8% | NW | 0 | N/A |
| Hispanic | 50.0% | 0.0% | 50.0% | 0.0% | White | 3 | N/A |
| White | 54.6% | 6.8% | 32.8% | 5.8% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .164 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTH ANDOVER POLICE DEPARTMENT

| Total Citations ¹ : 707 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 27.5% | Citations per 1000 | |
| | Passing through: | 72.5% | 18 + residents: | 29.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 673) | | | | ITP Stops ³ (N = 176) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.52 | | | | 38.46 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.6% | | | | Female 35.3% | | | |
| Male 65.4% | | | | Male 64.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.5% | | | | Race % Mis/Unk ⁴ 2.8% | | | |
| AA/Black 8.1% | | | | AA/Black 4.7% | | | |
| Hispanic 26.2% | | | | Hispanic 25.7% | | | |
| White 62.0% | | | | White 67.8% | | | |
| Other 3.7% | | | | Other 1.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.1% | 3.6% | 4.5% | AA/Black | 8.1% | 14.5% | -6.4% |
| Hispanic | 26.2% | 7.6% | 18.6% | Hispanic | 26.2% | 15.2% | 11.0% |
| White | 62.0% | 81.1% | -19.1% | White | 62.0% | 65.1% | -3.1% |
| Other | 3.7% | 8.5% | -4.8% | Other | 3.7% | 5.2% | -1.5% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 232 | 34.3% | 50.0% | NW | 49 | 31.7% | 33.3% |
| White | 379 | 65.7% | 50.0% | White | 104 | 68.3% | 66.7% |
| Chi-square, X-tab ⁶ : .001* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .873 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .580* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : 2.196 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 62.3% | 22.6% | 11.3% | 3.8% | NW | 0 | N/A |
| Hispanic | 60.6% | 22.8% | 14.4% | 2.2% | White | 0 | N/A |
| White | 65.2% | 20.9% | 11.6% | 2.3% | | | |
| Other | 66.7% | 20.8% | 12.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .976 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTH ATTLEBORO POLICE DEPARTMENT

| Total Citations ¹ : 1,140 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 37.5% | Citations per 1000 | |
| | Passing through: | 62.5% | 18 + residents: | 51 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 898) | | | | ITP Stops ³ (N = 379) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.28 | | | | 37.61 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.3% | | | | Female 42.7% | | | |
| Male 59.6% | | | | Male 57.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 8.1% | | | | Race % Mis/Unk ⁴ 6.9% | | | |
| AA/Black 11.3% | | | | AA/Black 9.9% | | | |
| Hispanic 8.1% | | | | Hispanic 6.5% | | | |
| White 78.2% | | | | White 82.4% | | | |
| Other 2.4% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.3% | 2.0% | 9.3% | AA/Black | 11.3% | 14.5% | -3.2% |
| Hispanic | 8.1% | 5.6% | 2.5% | Hispanic | 8.1% | 15.2% | -7.1% |
| White | 78.2% | 84.2% | -6.0% | White | 78.2% | 65.1% | 13.1% |
| Other | 2.4% | 9.1% | -6.7% | Other | 2.4% | 5.2% | -2.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 169 | 20.3% | 26.2% | NW | 61 | 18.9% | 21.5% |
| White | 573 | 79.7% | 73.8% | White | 243 | 81.1% | 78.5% |
| Chi-square, X-tab ⁶ : .058 not sig. | | | | Chi-square, X-tab ⁶ : .582 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .697 not sig. | | | | Odds ratio Exp(B) ⁷ : .643 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 37.7% | 27.9% | 30.3% | 4.1% | NW | 1 | N/A |
| Hispanic | 36.4% | 27.3% | 32.5% | 3.9% | White | 0 | N/A |
| White | 52.1% | 25.2% | 18.1% | 4.6% | | | |
| Other | 63.0% | 18.5% | 18.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .005 * sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTH READING POLICE DEPARTMENT

| Total Citations ¹ : 313 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 23.7% | Citations per 1000 | |
| | Passing through: | 76.4% | 18 + residents: | 25.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 271) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|--|----------------------|------|----------------------------------|--|----------------------|-----|
| Mean age | | | | Mean age | | | |
| 36.91 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 29.6% | | | | Female N/A | | | |
| Male 70.4% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % | | Mis/Unk ⁴ | 4.8% | Race % | | Mis/Unk ⁴ | N/A |
| AA/Black 4.3% | | | | AA/Black N/A | | | |
| Hispanic 12.8% | | | | Hispanic N/A | | | |
| White 79.8% | | | | White N/A | | | |
| Other 3.1% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.3% | 1.3% | 3.0% | AA/Black | 4.3% | 14.5% | -10.2% |
| Hispanic | 12.8% | 2.0% | 10.8% | Hispanic | 12.8% | 15.2% | -2.4% |
| White | 79.8% | 89.3% | -9.5% | White | 79.8% | 65.1% | 14.7% |
| Other | 3.1% | 7.0% | -3.9% | Other | 3.1% | 5.2% | -2.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 50 | 18.3% | 27.4% | NW | N/A | N/A | N/A |
| White | 192 | 81.7% | 72.6% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .128 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .594 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 45.5% | 9.1% | 45.5% | 0.0% | NW | 2 | N/A |
| Hispanic | 27.8% | 5.6% | 61.1% | 5.6% | White | 4 | N/A |
| White | 57.6% | 13.9% | 24.1% | 4.5% | | | |
| Other | 75.0% | 0.0% | 25.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .002* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTHAMPTON POLICE DEPARTMENT

| Total Citations ¹ : 2,241 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 27.9% | Citations per 1000 | |
| | Passing through: | 72.1% | 18 + residents: | 93.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,043) | | | | ITP Stops ³ (N = 759) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.41 | | | | 39.01 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.1% | | | | Female 42.2% | | | |
| Male 56.8% | | | | Male 57.7% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 6.9% | | | | AA/Black 5.5% | | | |
| Hispanic 3.2% | | | | Hispanic 2.9% | | | |
| White 87.9% | | | | White 89.7% | | | |
| Other 2.0% | | | | Other 1.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.9% | 2.2% | 4.7% | AA/Black | 6.9% | 14.5% | -7.6% |
| Hispanic | 3.2% | 8.7% | -5.5% | Hispanic | 3.2% | 15.2% | -12.0% |
| White | 87.9% | 82.2% | 5.7% | White | 87.9% | 65.1% | 22.8% |
| Other | 2.0% | 7.7% | -5.7% | Other | 2.0% | 5.2% | -3.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 229 | 9.3% | 17.3% | NW | 72 | 8.3% | 13.8% |
| White | 1,644 | 90.7% | 82.7% | White | 613 | 91.7% | 86.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .021* sig. | | | |
| Odds ratio Exp(B) ⁷ : .540* sig. | | | | Odds ratio Exp(B) ⁷ : .660 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 61.1% | 10.2% | 24.2% | 4.5% | NW | 2 | N/A |
| Hispanic | 57.6% | 10.6% | 24.2% | 7.6% | White | 13 | N/A |
| White | 72.5% | 13.6% | 9.8% | 4.1% | | | |
| Other | 69.0% | 14.3% | 14.3% | 2.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTHBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 3,513 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 18.7% | Citations per 1000 | |
| | Passing through: | 81.3% | 18 + residents: | 304.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,346) | | | | ITP Stops ³ (N = 1,047) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.45 | | | | 38.28 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.6% | | | | Female 42.6% | | | |
| Male 58.3% | | | | Male 57.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 0.2% | | | |
| AA/Black 8.6% | | | | AA/Black 8.5% | | | |
| Hispanic 12.0% | | | | Hispanic 11.9% | | | |
| White 67.5% | | | | White 65.0% | | | |
| Other 12.0% | | | | Other 14.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.6% | 3.2% | 5.4% | AA/Black | 8.6% | 14.5% | -5.9% |
| Hispanic | 12.0% | 2.7% | 9.3% | Hispanic | 12.0% | 15.2% | -3.2% |
| White | 67.5% | 82.7% | -15.2% | White | 67.5% | 65.1% | 2.4% |
| Other | 12.0% | 11.6% | 0.4% | Other | 12.0% | 5.2% | 6.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,025 | 27.0% | 48.4% | NW | 319 | 31.9% | 40.6% |
| White | 2,139 | 73.0% | 51.6% | White | 599 | 68.1% | 59.4% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .010* sig. | | | |
| Odds ratio Exp(B) ⁷ : .407* sig. | | | | Odds ratio Exp(B) ⁷ : .799 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 70.4% | 15.5% | 13.5% | 0.7% | NW | 1 | N/A |
| Hispanic | 69.1% | 14.7% | 14.3% | 1.9% | White | 0 | N/A |
| White | 79.8% | 15.0% | 3.9% | 1.3% | | | |
| Other | 81.9% | 15.4% | 2.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTHBRIDGE POLICE DEPARTMENT

| Total Citations ¹ : 1,341 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 16.6% | Citations per 1000 | |
| | Passing through: | 83.4% | 18 + residents: | 104.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,287) | | | | ITP Stops ³ (N = 592) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.13 | | | | 36.99 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.6% | | | | Female 35.6% | | | |
| Male 63.3% | | | | Male 64.1% | | | |
| Non-binary 0.2% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 4.3% | | | | Race % Mis/Unk ⁴ 5.7% | | | |
| AA/Black 6.2% | | | | AA/Black 6.3% | | | |
| Hispanic 7.3% | | | | Hispanic 7.7% | | | |
| White 84.6% | | | | White 84.4% | | | |
| Other 1.9% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.2% | 2.0% | 4.2% | AA/Black | 6.2% | 14.5% | -8.3% |
| Hispanic | 7.3% | 6.2% | 1.1% | Hispanic | 7.3% | 15.2% | -7.9% |
| White | 84.6% | 87.4% | -2.8% | White | 84.6% | 65.1% | 19.5% |
| Other | 1.9% | 5.3% | -3.4% | Other | 1.9% | 5.2% | -3.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 169 | 10.8% | 18.4% | NW | 67 | 16.6% | 12.3% |
| White | 970 | 89.2% | 81.6% | White | 402 | 83.4% | 87.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .186 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .527* sig. | | | | Odds ratio Exp(B) ⁷ : 1.644 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 74.0% | 5.2% | 13.0% | 7.8% | NW | 0 | N/A |
| Hispanic | 72.0% | 5.4% | 18.3% | 4.3% | White | 4 | N/A |
| White | 86.3% | 3.4% | 5.7% | 4.6% | | | |
| Other | 96.0% | 0.0% | 0.0% | 4.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTHFIELD POLICE DEPARTMENT

| Total Citations ¹ : 364 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 10.6% | Citations per 1000 | |
| | Passing through: | 89.4% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 348) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|--------------|----------------------|-------------|----------------------------------|------------|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 38.31 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| Female | 30.8% | | | Female | N/A | | |
| Male | 69.2% | | | Male | N/A | | |
| Non-binary | 0.0% | | | Non-binary | N/A | | |
| Race | % | Mis/Unk ⁴ | 0.3% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | 2.9% | | | AA/Black | N/A | | |
| Hispanic | 4.6% | | | Hispanic | N/A | | |
| White | 89.3% | | | White | N/A | | |
| Other | 3.2% | | | Other | N/A | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.9% | N/A | N/A | AA/Black | 2.9% | 14.5% | -11.6% |
| Hispanic | 4.6% | N/A | N/A | Hispanic | 4.6% | 15.2% | -10.6% |
| White | 89.3% | N/A | N/A | White | 89.3% | 65.1% | 24.2% |
| Other | 3.2% | N/A | N/A | Other | 3.2% | 5.2% | -2.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 35 | 9.8% | 14.1% | NW | N/A | N/A | N/A |
| White | 295 | 90.2% | 85.9% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .317 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .636 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.0% | 20.0% | 20.0% | 0.0% | NW | 2 | N/A |
| Hispanic | 76.5% | 11.8% | 11.8% | 0.0% | White | 1 | N/A |
| White | 72.5% | 16.0% | 9.0% | 2.5% | | | |
| Other | 75.0% | 16.7% | 8.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .968 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORTON POLICE DEPARTMENT

| Total Citations ¹ : 230 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 27.1% | Citations per 1000 | |
| | Passing through: | 72.9% | 18 + residents: | 14 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 188) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|--------------|----------------------|-------------|----------------------------------|------------|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 36.67 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| Female | 35.8% | | | Female | N/A | | |
| Male | 64.2% | | | Male | N/A | | |
| Non-binary | 0.0% | | | Non-binary | N/A | | |
| Race | % | Mis/Unk ⁴ | 2.7% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | 9.8% | | | AA/Black | N/A | | |
| Hispanic | 6.0% | | | Hispanic | N/A | | |
| White | 82.0% | | | White | N/A | | |
| Other | 2.2% | | | Other | N/A | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.8% | 4.1% | 5.7% | AA/Black | 9.8% | 14.5% | -4.7% |
| Hispanic | 6.0% | 2.7% | 3.3% | Hispanic | 6.0% | 15.2% | -9.2% |
| White | 82.0% | 90.3% | -8.3% | White | 82.0% | 65.1% | 16.9% |
| Other | 2.2% | 3.0% | -0.8% | Other | 2.2% | 5.2% | -3.0% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 28 | 18.0% | 17.2% | NW | N/A | N/A | N/A |
| White | 130 | 82.0% | 82.8% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .904 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.954 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-----------------|--------------|-------|----------|------------|
| AA/Black | 47.8% | 13.0% | 30.4% | 8.7% | NW | 0 | N/A |
| Hispanic | 33.3% | 5.6% | 38.9% | 22.2% | White | 1 | N/A |
| White | 60.3% | 12.8% | 16.8% | 10.1% | | | |
| Other | 60.0% | 20.0% | 0.0% | 20.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .182 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORWELL POLICE DEPARTMENT

| Total Citations ¹ : 281 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 20.2% | Citations per 1000 | |
| | Passing through: | 79.8% | 18 + residents: | 34.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 252) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.85 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 48.2% | | | | Female N/A | | | |
| Male 51.8% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 7.1% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 5.1% | | | | AA/Black N/A | | | |
| Hispanic 3.8% | | | | Hispanic N/A | | | |
| White 89.7% | | | | White N/A | | | |
| Other 1.3% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.1% | 0.3% | 4.8% | AA/Black | 5.1% | 14.5% | -9.4% |
| Hispanic | 3.8% | 2.3% | 1.5% | Hispanic | 3.8% | 15.2% | -11.4% |
| White | 89.7% | 94.5% | -4.8% | White | 89.7% | 65.1% | 24.6% |
| Other | 1.3% | 2.7% | -1.4% | Other | 1.3% | 5.2% | -3.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 23 | 9.6% | 11.3% | NW | N/A | N/A | N/A |
| White | 207 | 90.4% | 88.7% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .715 not sig. | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : 1.172 not sig. | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 30.8% | 23.1% | 38.5% | 7.7% | NW | 0 | N/A |
| Hispanic | 15.4% | 0.0% | 76.9% | 7.7% | White | 0 | N/A |
| White | 71.9% | 13.0% | 13.9% | 1.3% | | | |
| Other | 50.0% | 25.0% | 25.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

NORWOOD POLICE DEPARTMENT

| Total Citations ¹ : 4,530 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 32.1% | Citations per 1000 | |
| | Passing through: | 67.9% | 18 + residents: | 190 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,393) | | | | ITP Stops ³ (N = 1,750) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.83 | | | | 41.44 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.0% | | | | Female 38.9% | | | |
| Male 61.0% | | | | Male 61.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.5% | | | | Race % Mis/Unk ⁴ 0.4% | | | |
| AA/Black 17.2% | | | | AA/Black 15.7% | | | |
| Hispanic 9.8% | | | | Hispanic 10.6% | | | |
| White 64.9% | | | | White 65.1% | | | |
| Other 8.1% | | | | Other 8.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 17.2% | 7.2% | 10.0% | AA/Black | 17.2% | 14.5% | 2.7% |
| Hispanic | 9.8% | 6.8% | 3.0% | Hispanic | 9.8% | 15.2% | -5.4% |
| White | 64.9% | 80.4% | -15.5% | White | 64.9% | 65.1% | -0.2% |
| Other | 8.1% | 7.1% | 1.0% | Other | 8.1% | 5.2% | 2.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,446 | 29.7% | 44.7% | NW | 524 | 33.1% | 36.8% |
| White | 2,702 | 70.3% | 55.3% | White | 1,001 | 66.9% | 63.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .146 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .518* sig. | | | | Odds ratio Exp(B) ⁷ : .802 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 81.8% | 8.8% | 7.1% | 2.3% | NW | 3 | N/A |
| Hispanic | 74.3% | 9.2% | 13.6% | 2.9% | White | 5 | N/A |
| White | 94.5% | 11.0% | 3.1% | 1.4% | | | |
| Other | 86.0% | 11.0% | 2.2% | 0.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

OAK BLUFFS POLICE DEPARTMENT

| Total Citations ¹ : 290 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 23.9% | Citations per 1000 | |
| | Passing through: | 76.1% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 223) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.01 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 24.4% | | | | Female N/A | | | |
| Male 75.6% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 4.0% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 13.1% | | | | AA/Black N/A | | | |
| Hispanic 0.9% | | | | Hispanic N/A | | | |
| White 85.5% | | | | White N/A | | | |
| Other 0.5% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.1% | N/A | N/A | AA/Black | 13.1% | 14.5% | -1.4% |
| Hispanic | 0.9% | N/A | N/A | Hispanic | 0.9% | 15.2% | -14.3% |
| White | 85.5% | N/A | N/A | White | 85.5% | 65.1% | 20.4% |
| Other | 0.5% | N/A | N/A | Other | 0.5% | 5.2% | -4.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 28 | 10.8% | 19.2% | NW | N/A | N/A | N/A |
| White | 175 | 89.2% | 80.8% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .095 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .510 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|---------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 17.9% | 23.1% | 43.6% | 15.4% | NW | 0 | N/A |
| Hispanic | 50.0% | 0.0% | 50.0% | 0.0% | White | 11 | N/A |
| White | 22.1% | 17.9% | 41.7% | 18.3% | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .277 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

OAKHAM POLICE DEPARTMENT

| Total Citations ¹ : 296 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 8.1% | Citations per 1000 | |
| | Passing through: | 91.9% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 295) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|---|----------------------|-------------|----------------------------------|---|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 37.32 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| Female | | 44.1% | | Female | | N/A | |
| Male | | 55.6% | | Male | | N/A | |
| Non-binary | | 0.3% | | Non-binary | | N/A | |
| Race | % | Mis/Unk ⁴ | 3.7% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | | 6.7% | | AA/Black | | N/A | |
| Hispanic | | 5.6% | | Hispanic | | N/A | |
| White | | 85.6% | | White | | N/A | |
| Other | | 2.1% | | Other | | N/A | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.7% | N/A | N/A | AA/Black | 6.7% | 14.5% | -7.8% |
| Hispanic | 5.6% | N/A | N/A | Hispanic | 5.6% | 15.2% | -9.6% |
| White | 85.6% | N/A | N/A | White | 85.6% | 65.1% | 20.5% |
| Other | 2.1% | N/A | N/A | Other | 2.1% | 5.2% | -3.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | N/A | N/A | | Chi-square, X-tab ⁶ : | N/A | N/A | |
| Odds ratio Exp(B) ⁷ : | N/A | N/A | | Odds ratio Exp(B) ⁷ : | N/A | N/A | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 73.7% | 10.5% | 15.8% | 0.0% | NW | 0 | N/A |
| Hispanic | 37.5% | 18.8% | 43.8% | 0.0% | White | 3 | N/A |
| White | 68.7% | 16.0% | 13.6% | 1.6% | | | |
| Other | 50.0% | 50.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | .038* | sig. | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ORANGE POLICE DEPARTMENT

| Total Citations ¹ : 303 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 38.2% | Citations per 1000 | |
| | Passing through: | 61.8% | 18 + residents: | 49.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 262) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.4 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 39.4% | | | | Female N/A | | | |
| Male 60.6% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 3.1% | | | | AA/Black N/A | | | |
| Hispanic 1.2% | | | | Hispanic N/A | | | |
| White 94.9% | | | | White N/A | | | |
| Other 0.8% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.1% | 0.6% | 2.5% | AA/Black | 3.1% | 14.5% | -11.4% |
| Hispanic | 1.2% | 2.5% | -1.3% | Hispanic | 1.2% | 15.2% | -14.0% |
| White | 94.9% | 94.7% | 0.2% | White | 94.9% | 65.1% | 29.8% |
| Other | 0.8% | 3.0% | -2.2% | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 12 | 3.4% | 7.1% | NW | N/A | N/A | N/A |
| White | 234 | 96.6% | 92.9% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .180 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .362 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 11.1% | 33.3% | 44.4% | 11.1% | NW | 0 | N/A |
| Hispanic | 75.0% | 0.0% | 25.0% | 0.0% | White | 15 | N/A |
| White | 40.9% | 27.4% | 26.7% | 5.0% | | | |
| Other | 66.7% | 33.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .565 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ORLEANS POLICE DEPARTMENT

| Total Citations ¹ : 123 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 25.7% | Citations per 1000 | |
| | Passing through: | 74.3% | 18 + residents: | 25 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 70) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.23 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 35.7% | | | | Female N/A | | | |
| Male 64.3% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 8.8% | | | | AA/Black N/A | | | |
| Hispanic 1.5% | | | | Hispanic N/A | | | |
| White 88.2% | | | | White N/A | | | |
| Other 1.5% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.8% | 3.6% | 5.2% | AA/Black | 8.8% | 14.5% | -5.7% |
| Hispanic | 1.5% | 1.9% | -0.4% | Hispanic | 1.5% | 15.2% | -13.7% |
| White | 88.2% | 93.4% | -5.2% | White | 88.2% | 65.1% | 23.1% |
| Other | 1.5% | 1.8% | -0.3% | Other | 1.5% | 5.2% | -3.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|---------------|--------------|--------------|-------|----------|------------|
| AA/Black | 75.0% | 0.0% | 25.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 33.3% | 0.0% | 66.7% | 0.0% | White | 1 | N/A |
| White | 48.6% | 6.5% | 26.2% | 18.7% | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .020* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

OXFORD POLICE DEPARTMENT

| Total Citations ¹ : 751 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 22.8% | Citations per 1000 | |
| | Passing through: | 77.2% | 18 + residents: | 68.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 661) | | | | ITP Stops ³ (N = 255) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.23 | | | | 36.41 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.8% | | | | Female 34.9% | | | |
| Male 60.2% | | | | Male 65.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.5% | | | | Race % Mis/Unk ⁴ 4.7% | | | |
| AA/Black 5.0% | | | | AA/Black 5.3% | | | |
| Hispanic 6.9% | | | | Hispanic 5.8% | | | |
| White 86.2% | | | | White 86.4% | | | |
| Other 1.9% | | | | Other 2.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.0% | 2.0% | 3.0% | AA/Black | 5.0% | 14.5% | -9.5% |
| Hispanic | 6.9% | 5.6% | 1.3% | Hispanic | 6.9% | 15.2% | -8.3% |
| White | 86.2% | 87.9% | -1.7% | White | 86.2% | 65.1% | 21.1% |
| Other | 1.9% | 5.9% | -4.0% | Other | 1.9% | 5.2% | -3.3% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 80 | 8.6% | 22.2% | NW | 28 | 7.0% | 22.1% |
| White | 523 | 91.4% | 77.8% | White | 187 | 93.0% | 77.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .001* sig. | | | |
| Odds ratio Exp(B) ⁷ : .282* sig. | | | | Odds ratio Exp(B) ⁷ : .070* sig. | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 54.1% | 8.1% | 29.7% | 8.1% | NW | 0 | N/A |
| Hispanic | 60.4% | 5.7% | 28.3% | 5.7% | White | 1 | N/A |
| White | 74.3% | 10.0% | 10.5% | 5.3% | | | |
| Other | 85.7% | 0.0% | 7.1% | 7.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PALMER POLICE DEPARTMENT

| Total Citations ¹ : 773 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 16.8% | Citations per 1000 | |
| | Passing through: | 83.2% | 18 + residents: | 77.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 612) | | | | ITP Stops ³ (N = 300) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.67 | | | | 39.38 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.5% | | | | Female 38.6% | | | |
| Male 63.4% | | | | Male 61.4% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.8% | | | | Race % Mis/Unk ⁴ 2.0% | | | |
| AA/Black 10.1% | | | | AA/Black 6.1% | | | |
| Hispanic 6.6% | | | | Hispanic 7.5% | | | |
| White 81.5% | | | | White 84.4% | | | |
| Other 1.8% | | | | Other 2.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | | City Dem | % Dif | Motorist Race | | State Avg | % Dif |
| AA/Black | 10.1% | 2.2% | 7.9% | AA/Black | 10.1% | 14.5% | -4.4% |
| Hispanic | 6.6% | 4.5% | 2.1% | Hispanic | 6.6% | 15.2% | -8.6% |
| White | 81.5% | 87.4% | -5.9% | White | 81.5% | 65.1% | 16.4% |
| Other | 1.8% | 7.1% | -5.3% | Other | 1.8% | 5.2% | -3.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 98 | 15.3% | 21.5% | NW | 38 | 13.7% | 14.9% |
| White | 440 | 84.7% | 78.5% | White | 229 | 86.3% | 85.1% |
| Chi-square, X-tab ⁶ : | | .064 | not sig. | Chi-square, X-tab ⁶ : | | .784 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .657 | not sig. | Odds ratio Exp(B) ⁷ : | | .768 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 35.3% | 10.3% | 41.2% | 13.2% | NW | 1 | N/A |
| Hispanic | 23.5% | 5.9% | 54.9% | 15.7% | White | 13 | N/A |
| White | 57.6% | 6.1% | 23.9% | 12.3% | | | |
| Other | 55.6% | 0.0% | 27.8% | 16.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PAXTON POLICE DEPARTMENT

| Total Citations ¹ : 1,348 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 8.6% | Citations per 1000 | |
| | Passing through: | 91.4% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,340) | | | | ITP Stops ³ (N = 432) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.6 | | | | 37.32 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.4% | | | | Female 41.6% | | | |
| Male 57.4% | | | | Male 58.1% | | | |
| Non-binary 0.2% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 2.5% | | | |
| AA/Black 9.7% | | | | AA/Black 6.9% | | | |
| Hispanic 11.4% | | | | Hispanic 9.5% | | | |
| White 76.9% | | | | White 82.7% | | | |
| Other 2.0% | | | | Other 1.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.7% | N/A | N/A | AA/Black | 9.7% | 14.5% | -4.8% |
| Hispanic | 11.4% | N/A | N/A | Hispanic | 11.4% | 15.2% | -3.8% |
| White | 76.9% | N/A | N/A | White | 76.9% | 65.1% | 11.8% |
| Other | 2.0% | N/A | N/A | Other | 2.0% | 5.2% | -3.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 297 | 21.1% | 30.7% | NW | 68 | 18.8% | 15.9% |
| White | 966 | 78.9% | 69.3% | White | 308 | 81.3% | 84.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .545 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .634* sig. | | | | Odds ratio Exp(B) ⁷ : 1.853 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 65.2% | 9.8% | 21.2% | 3.8% | NW | 2 | N/A |
| Hispanic | 51.7% | 17.2% | 27.2% | 4.0% | White | 1 | N/A |
| White | 75.2% | 15.7% | 7.9% | 1.1% | | | |
| Other | 76.9% | 19.2% | 3.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PEABODY POLICE DEPARTMENT

| Total Citations ¹ : 1,846 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 37.6% | Citations per 1000 | |
| | Passing through: | 62.4% | 18 + residents: | 42 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,683) | | | | ITP Stops ³ (N = 396) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.21 | | | | 37.99 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.5% | | | | Female 27.8% | | | |
| Male 65.5% | | | | Male 72.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.6% | | | | Race % Mis/Unk ⁴ 2.3% | | | |
| AA/Black 6.7% | | | | AA/Black 5.9% | | | |
| Hispanic 17.8% | | | | Hispanic 17.3% | | | |
| White 73.4% | | | | White 75.2% | | | |
| Other 2.2% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.7% | 3.8% | 2.9% | AA/Black | 6.7% | 14.5% | -7.8% |
| Hispanic | 17.8% | 9.9% | 7.9% | Hispanic | 17.8% | 15.2% | 2.6% |
| White | 73.4% | 82.7% | -9.3% | White | 73.4% | 65.1% | 8.3% |
| Other | 2.2% | 4.2% | -2.0% | Other | 2.2% | 5.2% | -3.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 418 | 26.1% | 28.0% | NW | 84 | 25.7% | 22.6% |
| White | 1,151 | 73.9% | 72.0% | White | 264 | 74.3% | 77.4% |
| Chi-square, X-tab ⁶ : .464 sig. | | | | Chi-square, X-tab ⁶ : .495 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .970 sig. | | | | Odds ratio Exp(B) ⁷ : 1.022 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 51.2% | 11.6% | 32.2% | 5.0% | NW | 3 | N/A |
| Hispanic | 29.9% | 15.9% | 46.1% | 8.1% | White | 13 | N/A |
| White | 53.1% | 15.4% | 24.6% | 6.9% | | | |
| Other | 55.6% | 19.4% | 16.7% | 8.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PELHAM POLICE DEPARTMENT

| Total Citations ¹ : 205 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 10.4% | Citations per 1000 | |
| | Passing through: | 89.6% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 202) | | | | ITP Stops ³ (N = 105) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.56 | | | | 35.93 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.1% | | | | Female 34.3% | | | |
| Male 63.4% | | | | Male 63.8% | | | |
| Non-binary 1.5% | | | | Non-binary 1.9% | | | |
| Race % Mis/Unk ⁴ 7.4% | | | | Race % Mis/Unk ⁴ 5.7% | | | |
| AA/Black 4.8% | | | | AA/Black 5.1% | | | |
| Hispanic 7.5% | | | | Hispanic 11.1% | | | |
| White 82.4% | | | | White 77.8% | | | |
| Other 5.3% | | | | Other 6.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.8% | N/A | N/A | AA/Black | 4.8% | 14.5% | -9.7% |
| Hispanic | 7.5% | N/A | N/A | Hispanic | 7.5% | 15.2% | -7.7% |
| White | 82.4% | N/A | N/A | White | 82.4% | 65.1% | 17.3% |
| Other | 5.3% | N/A | N/A | Other | 5.3% | 5.2% | 0.1% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 31 | 16.9% | 19.0% | NW | 21 | 23.9% | 17.9% |
| White | 147 | 83.1% | 81.0% | White | 74 | 76.1% | 82.1% |
| Chi-square, X-tab ⁶ : | | .750 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .519 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .891 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | 1.526 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 55.6% | 11.1% | 33.3% | 0.0% | NW | 1 | N/A |
| Hispanic | 40.0% | 0.0% | 60.0% | 0.0% | White | 0 | N/A |
| White | 69.7% | 10.3% | 20.0% | 0.0% | | | |
| Other | 70.0% | 20.0% | 0.0% | 10.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | <i>sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PEMBROKE POLICE DEPARTMENT

| Total Citations ¹ : 353 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 41.2% | Citations per 1000 | |
| | Passing through: | 58.8% | 18 + residents: | 24.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 328) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.56 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 33.7% | | | | Female N/A | | | |
| Male 66.3% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 3.7% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 5.1% | | | | AA/Black N/A | | | |
| Hispanic 0.0% | | | | Hispanic N/A | | | |
| White 94.3% | | | | White N/A | | | |
| Other 0.6% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.1% | 0.6% | 4.5% | AA/Black | 5.1% | 14.5% | -9.4% |
| Hispanic | 0.0% | 1.5% | -1.5% | Hispanic | 0.0% | 15.2% | -15.2% |
| White | 94.3% | 93.5% | 0.8% | White | 94.3% | 65.1% | 29.2% |
| Other | 0.6% | 3.7% | -3.1% | Other | 0.6% | 5.2% | -4.6% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|---------------|--------------|-------------|-------|----------|------------|
| AA/Black | 25.0% | 18.8% | 50.0% | 6.3% | NW | 0 | N/A |
| Hispanic | 0.0% | 0.0% | 0.0% | 0.0% | White | 3 | N/A |
| White | 47.7% | 28.3% | 21.8% | 2.2% | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .034* sig. | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PEPPERELL POLICE DEPARTMENT

| Total Citations ¹ : 159 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 39.8% | Citations per 1000 | |
| | Passing through: | 60.2% | 18 + residents: | 16.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 128) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 33.68 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 26.6% | | | | Female N/A | | | |
| Male 73.4% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 3.9% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 3.3% | | | | AA/Black N/A | | | |
| Hispanic 4.1% | | | | Hispanic N/A | | | |
| White 91.9% | | | | White N/A | | | |
| Other 0.8% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.3% | 0.8% | 2.5% | AA/Black | 3.3% | 14.5% | -11.2% |
| Hispanic | 4.1% | 2.0% | 2.1% | Hispanic | 4.1% | 15.2% | -11.1% |
| White | 91.9% | 93.0% | -1.1% | White | 91.9% | 65.1% | 26.8% |
| Other | 0.8% | 4.1% | -3.3% | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|---------------|-----------------|----------|------------|
| AA/Black | 14.3% | 0.0% | 71.4% | 14.3% | NW | 0 | N/A |
| Hispanic | 33.3% | 16.7% | 33.3% | 16.7% | White | 4 | N/A |
| White | 41.0% | 12.2% | 33.1% | 13.7% | | | |
| Other | 0.0% | 0.0% | 0.0% | 100.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .268 | <i>not sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PETERSHAM POLICE DEPARTMENT

| Total Citations ¹ : 239 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 3.0% | Citations per 1000 | |
| | Passing through: | 97.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 235) | | | | ITP Stops ³ (N = 119) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.35 | | | | 40.54 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.9% | | | | Female 31.1% | | | |
| Male 62.1% | | | | Male 68.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 7.0% | | | | AA/Black 9.6% | | | |
| Hispanic 0.4% | | | | Hispanic 0.9% | | | |
| White 92.2% | | | | White 89.6% | | | |
| Other 0.4% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.0% | N/A | N/A | AA/Black | 7.0% | 14.5% | -7.5% |
| Hispanic | 0.4% | N/A | N/A | Hispanic | 0.4% | 15.2% | -14.8% |
| White | 92.2% | N/A | N/A | White | 92.2% | 65.1% | 27.1% |
| Other | 0.4% | N/A | N/A | Other | 0.4% | 5.2% | -4.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|---------------|-------------|-------|----------|------------|
| AA/Black | 50.0% | 31.3% | 18.8% | 0.0% | NW | 0 | N/A |
| Hispanic | 100.0% | 0.0% | 0.0% | 0.0% | White | 1 | N/A |
| White | 62.1% | 32.7% | 3.7% | 1.4% | | | |
| Other | 0.0% | 0.0% | 100.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* sig. | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PITTSFIELD POLICE DEPARTMENT

| Total Citations ¹ : 2,352 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 60.8% | Citations per 1000 | |
| | Passing through: | 39.2% | 18 + residents: | 68.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,157) | | | | ITP Stops ³ (N = 574) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.53 | | | | 39.21 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.1% | | | | Female 38.0% | | | |
| Male 59.8% | | | | Male 62.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 12.3% | | | | AA/Black 12.4% | | | |
| Hispanic 3.6% | | | | Hispanic 4.8% | | | |
| White 83.0% | | | | White 81.3% | | | |
| Other 1.1% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.3% | 4.5% | 7.8% | AA/Black | 12.3% | 14.5% | -2.2% |
| Hispanic | 3.6% | 6.8% | -3.2% | Hispanic | 3.6% | 15.2% | -11.6% |
| White | 83.0% | 83.3% | -0.3% | White | 83.0% | 65.1% | 17.9% |
| Other | 1.1% | 6.5% | -5.4% | Other | 1.1% | 5.2% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 312 | 13.7% | 22.8% | NW | 92 | 15.4% | 21.4% |
| White | 1,648 | 86.3% | 77.2% | White | 420 | 84.6% | 78.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .082 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .560* sig. | | | | Odds ratio Exp(B) ⁷ : .550* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 65.3% | 13.9% | 16.7% | 4.2% | NW | 1 | N/A |
| Hispanic | 87.8% | 6.1% | 3.7% | 2.4% | White | 0 | N/A |
| White | 80.2% | 11.6% | 6.6% | 1.6% | | | |
| Other | 91.7% | 8.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PLAINFIELD POLICE DEPARTMENT

| Total Citations ¹ : 127 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|---------------|-----------------------------------|------------|
| | Intown motorist: | 0.0% | Citations per 1000 | |
| | Passing through: | 100.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 122) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.17 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 24.8% | | | | Female N/A | | | |
| Male 74.4% | | | | Male N/A | | | |
| Non-binary 0.8% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.5% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 6.7% | | | | AA/Black N/A | | | |
| Hispanic 5.0% | | | | Hispanic N/A | | | |
| White 84.9% | | | | White N/A | | | |
| Other 3.4% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.7% | N/A | N/A | AA/Black | 6.7% | 14.5% | -7.8% |
| Hispanic | 5.0% | N/A | N/A | Hispanic | 5.0% | 15.2% | -10.2% |
| White | 84.9% | N/A | N/A | White | 84.9% | 65.1% | 19.8% |
| Other | 3.4% | N/A | N/A | Other | 3.4% | 5.2% | -1.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 17 | 14.5% | 17.5% | NW | N/A | N/A | N/A |
| White | 92 | 85.5% | 82.5% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .677 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .370 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 12.5% | 75.0% | 12.5% | 0.0% | NW | 0 | N/A |
| Hispanic | 25.0% | 37.5% | 12.5% | 25.0% | White | 0 | N/A |
| White | 27.9% | 66.3% | 5.8% | 0.0% | | | |
| Other | 25.0% | 50.0% | 25.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PLAINVILLE POLICE DEPARTMENT

| Total Citations ¹ : 811 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|---------------|-----------------------------------|------------|
| | Intown motorist: | 0.0% | Citations per 1000 | |
| | Passing through: | 100.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 785) | | | | ITP Stops ³ (N = 428) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.22 | | | | 39.31 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.4% | | | | Female 39.3% | | | |
| Male 60.5% | | | | Male 60.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 1.9% | | | | Race % Mis/Unk ⁴ 1.9% | | | |
| AA/Black 9.9% | | | | AA/Black 7.4% | | | |
| Hispanic 6.9% | | | | Hispanic 7.9% | | | |
| White 79.1% | | | | White 80.5% | | | |
| Other 4.2% | | | | Other 4.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.9% | 4.8% | 5.1% | AA/Black | 9.9% | 14.5% | -4.6% |
| Hispanic | 6.9% | 4.5% | 2.4% | Hispanic | 6.9% | 15.2% | -8.3% |
| White | 79.1% | 87.9% | -8.8% | White | 79.1% | 65.1% | 14.0% |
| Other | 4.2% | 4.9% | -0.7% | Other | 4.2% | 5.2% | -1.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 148 | 21.1% | 21.0% | NW | 72 | 20.1% | 18.5% |
| White | 554 | 78.9% | 79.0% | White | 292 | 79.9% | 81.5% |
| Chi-square, X-tab ⁶ : | | .964 | not sig. | Chi-square, X-tab ⁶ : | | .746 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .968 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.262 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 62.8% | 30.8% | 6.4% | 0.0% | NW | 0 | N/A |
| Hispanic | 43.6% | 30.9% | 25.5% | 0.0% | White | 2 | N/A |
| White | 69.8% | 21.8% | 7.9% | 0.5% | | | |
| Other | 68.8% | 25.0% | 6.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .001* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PLYMOUTH POLICE DEPARTMENT

| Total Citations ¹ : 3,437 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 59.0% | Citations per 1000 | |
| | Passing through: | 41.0% | 18 + residents: | 68.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,267) | | | | ITP Stops ³ (N = 1,434) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.76 | | | | 39.06 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.6% | | | | Female 36.9% | | | |
| Male 62.3% | | | | Male 63.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.3% | | | | Race % Mis/Unk ⁴ 2.0% | | | |
| AA/Black 6.1% | | | | AA/Black 5.5% | | | |
| Hispanic 1.0% | | | | Hispanic 1.1% | | | |
| White 92.4% | | | | White 92.9% | | | |
| Other 0.5% | | | | Other 0.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.1% | 1.9% | 4.2% | AA/Black | 6.1% | 14.5% | -8.4% |
| Hispanic | 1.0% | 2.4% | -1.4% | Hispanic | 1.0% | 15.2% | -14.2% |
| White | 92.4% | 91.6% | 0.8% | White | 92.4% | 65.1% | 27.3% |
| Other | 0.5% | 3.8% | -3.3% | Other | 0.5% | 5.2% | -4.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 213 | 6.6% | 8.6% | NW | 95 | 7.8% | 7.5% |
| White | 2,566 | 93.4% | 91.4% | White | 1,151 | 92.2% | 92.5% |
| Chi-square, X-tab ⁶ : .050* sig. | | | | Chi-square, X-tab ⁶ : .808 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .726* sig. | | | | Odds ratio Exp(B) ⁷ : .854 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 75.2% | 10.9% | 12.9% | 1.0% | NW | 3 | N/A |
| Hispanic | 74.3% | 14.3% | 11.4% | 0.0% | White | 13 | N/A |
| White | 79.7% | 11.4% | 8.6% | 0.2% | | | |
| Other | 86.7% | 6.7% | 6.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .379 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PLYMPTON POLICE DEPARTMENT

| Total Citations ¹ : 135 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 8.0% | Citations per 1000 | |
| | Passing through: | 92.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 112) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 30.12 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 29.5% | | | | Female N/A | | | |
| Male 70.5% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 7.2% | | | | AA/Black N/A | | | |
| Hispanic 0.9% | | | | Hispanic N/A | | | |
| White 91.0% | | | | White N/A | | | |
| Other 0.9% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.2% | N/A | N/A | AA/Black | 7.2% | 14.5% | -7.3% |
| Hispanic | 0.9% | N/A | N/A | Hispanic | 0.9% | 15.2% | -14.3% |
| White | 91.0% | N/A | N/A | White | 91.0% | 65.1% | 25.9% |
| Other | 0.9% | N/A | N/A | Other | 0.9% | 5.2% | -4.3% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|--------------|---------------|--------------|-------|----------|------------|
| AA/Black | 10.0% | 40.0% | 40.0% | 10.0% | NW | 0 | N/A |
| Hispanic | 0.0% | 0.0% | 100.0% | 0.0% | White | 6 | N/A |
| White | 40.2% | 28.7% | 28.7% | 2.5% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .459 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PRINCETON POLICE DEPARTMENT

| Total Citations ¹ : 492 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 14.6% | Citations per 1000 | |
| | Passing through: | 85.4% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 473) | | | | ITP Stops ³ (N = 133) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.47 | | | | 36.45 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.9% | | | | Female 30.8% | | | |
| Male 61.1% | | | | Male 69.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ 1.5% | | | |
| AA/Black 5.2% | | | | AA/Black 4.6% | | | |
| Hispanic 5.2% | | | | Hispanic 6.9% | | | |
| White 86.9% | | | | White 85.5% | | | |
| Other 2.8% | | | | Other 3.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.2% | N/A | N/A | AA/Black | 5.2% | 14.5% | -9.3% |
| Hispanic | 5.2% | N/A | N/A | Hispanic | 5.2% | 15.2% | -10.0% |
| White | 86.9% | N/A | N/A | White | 86.9% | 65.1% | 21.8% |
| Other | 2.8% | N/A | N/A | Other | 2.8% | 5.2% | -2.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 57 | 10.8% | 20.4% | NW | 16 | 12.0% | 18.9% |
| White | 387 | 89.2% | 79.6% | White | 96 | 88.0% | 81.1% |
| Chi-square, X-tab ⁶ : .014* sig. | | | | Chi-square, X-tab ⁶ : .325 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .460* sig. | | | | Odds ratio Exp(B) ⁷ : .897 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 68.0% | 20.0% | 12.0% | 0.0% | NW | 1 | N/A |
| Hispanic | 40.7% | 25.9% | 22.2% | 11.1% | White | 1 | N/A |
| White | 78.0% | 17.2% | 3.3% | 1.4% | | | |
| Other | 78.6% | 14.3% | 7.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

PROVINCETOWN POLICE DEPARTMENT

| Total Citations ¹ : 260 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 26.8% | Citations per 1000 | |
| | Passing through: | 73.2% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 239) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 45.52 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 25.3% | | | | Female N/A | | | |
| Male 74.7% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 3.8% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 16.5% | | | | AA/Black N/A | | | |
| Hispanic 2.6% | | | | Hispanic N/A | | | |
| White 76.5% | | | | White N/A | | | |
| Other 4.3% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 16.5% | N/A | N/A | AA/Black | 16.5% | 14.5% | 2.0% |
| Hispanic | 2.6% | N/A | N/A | Hispanic | 2.6% | 15.2% | -12.6% |
| White | 76.5% | N/A | N/A | White | 76.5% | 65.1% | 11.4% |
| Other | 4.3% | N/A | N/A | Other | 4.3% | 5.2% | -0.9% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 52 | 25.7% | 21.7% | NW | N/A | N/A | N/A |
| White | 169 | 74.3% | 78.3% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .477 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.264 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-----------------|--------------|-------|----------|------------|
| AA/Black | 52.5% | 10.0% | 25.0% | 12.5% | NW | 1 | N/A |
| Hispanic | 28.6% | 0.0% | 57.1% | 14.3% | White | 1 | N/A |
| White | 56.5% | 9.3% | 22.3% | 11.9% | | | |
| Other | 70.0% | 10.0% | 20.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .649 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

QUINCY POLICE DEPARTMENT

| Total Citations ¹ : 3,301 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 42.3% | Citations per 1000 | |
| | Passing through: | 57.7% | 18 + residents: | 40.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,961) | | | | ITP Stops ³ (N = 1,011) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.88 | | | | 39 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.6% | | | | Female 32.7% | | | |
| Male 65.3% | | | | Male 67.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ 2.9% | | | |
| AA/Black 17.9% | | | | AA/Black 19.1% | | | |
| Hispanic 5.5% | | | | Hispanic 5.1% | | | |
| White 57.0% | | | | White 55.9% | | | |
| Other 19.5% | | | | Other 19.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 17.9% | 5.1% | 12.8% | AA/Black | 17.9% | 14.5% | 3.4% |
| Hispanic | 5.5% | 3.1% | 2.4% | Hispanic | 5.5% | 15.2% | -9.7% |
| White | 57.0% | 59.0% | -2.0% | White | 57.0% | 65.1% | -8.1% |
| Other | 19.5% | 32.6% | -13.1% | Other | 19.5% | 5.2% | 14.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,100 | 42.3% | 42.7% | NW | 410 | 44.4% | 45.1% |
| White | 1,493 | 57.7% | 57.3% | White | 509 | 55.6% | 54.9% |
| Chi-square, X-tab ⁶ : .873 not sig. | | | | Chi-square, X-tab ⁶ : .857 not sig. | | | |
| Odds ratio Exp(B) ⁷ : 1.054 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.167 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 75.9% | 4.4% | 15.0% | 4.7% | NW | 21 | N/A |
| Hispanic | 69.1% | 4.2% | 15.7% | 11.0% | White | 13 | N/A |
| White | 84.2% | 3.8% | 9.6% | 2.4% | | | |
| Other | 89.9% | 6.3% | 3.3% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

RANDOLPH POLICE DEPARTMENT

| Total Citations ¹ : 1,395 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 35.2% | Citations per 1000 | |
| | Passing through: | 64.8% | 18 + residents: | 50.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,281) | | | | ITP Stops ³ (N = 431) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.99 | | | | 38.45 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.0% | | | | Female 29.5% | | | |
| Male 66.0% | | | | Male 70.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 6.3% | | | | Race % Mis/Unk ⁴ 9.5% | | | |
| AA/Black 56.3% | | | | AA/Black 53.3% | | | |
| Hispanic 12.7% | | | | Hispanic 12.8% | | | |
| White 24.3% | | | | White 25.4% | | | |
| Other 6.8% | | | | Other 8.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 56.3% | 44.7% | 11.6% | AA/Black | 56.3% | 14.5% | 41.8% |
| Hispanic | 12.7% | 8.8% | 3.9% | Hispanic | 12.7% | 15.2% | -2.5% |
| White | 24.3% | 29.4% | -5.1% | White | 24.3% | 65.1% | -40.8% |
| Other | 6.8% | 16.5% | -9.7% | Other | 6.8% | 5.2% | 1.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 831 | 74.3% | 81.5% | NW | 257 | 70.9% | 81.2% |
| White | 266 | 25.7% | 18.5% | White | 91 | 29.1% | 18.8% |
| Chi-square, X-tab ⁶ : .024* sig. | | | | Chi-square, X-tab ⁶ : .046* sig. | | | |
| Odds ratio Exp(B) ⁷ : .740 not sig. | | | | Odds ratio Exp(B) ⁷ : .860 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 59.5% | 21.4% | 18.3% | 0.8% | NW | 8 | N/A |
| Hispanic | 57.1% | 21.4% | 17.9% | 3.6% | White | 2 | N/A |
| White | 62.9% | 17.5% | 16.0% | 3.7% | | | |
| Other | 72.9% | 18.8% | 8.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .004* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

RAYNHAM POLICE DEPARTMENT

| Total Citations ¹ : 776 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-----------|
| | Intown motorist: | 18.9% | Citations per 1000 | |
| | Passing through: | 81.1% | 18 + residents: | 68 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 720) | | | | ITP Stops ³ (N = 312) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.69 | | | | 34.99 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.5% | | | | Female 36.7% | | | |
| Male 62.5% | | | | Male 63.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 20.2% | | | | AA/Black 16.9% | | | |
| Hispanic 4.1% | | | | Hispanic 4.2% | | | |
| White 74.4% | | | | White 76.3% | | | |
| Other 1.3% | | | | Other 2.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 20.2% | 1.7% | 18.5% | AA/Black | 20.2% | 14.5% | 5.7% |
| Hispanic | 4.1% | 2.0% | 2.1% | Hispanic | 4.1% | 15.2% | -11.1% |
| White | 74.4% | 93.3% | -18.9% | White | 74.4% | 65.1% | 9.3% |
| Other | 1.3% | 3.2% | -1.9% | Other | 1.3% | 5.2% | -3.9% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 172 | 18.8% | 34.7% | NW | 64 | 18.2% | 28.7% |
| White | 512 | 81.2% | 65.3% | White | 225 | 81.8% | 71.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .038* sig. | | | |
| Odds ratio Exp(B) ⁷ : .417* sig. | | | | Odds ratio Exp(B) ⁷ : .336* sig. | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 55.0% | 27.5% | 16.1% | 1.3% | NW | 0 | N/A |
| Hispanic | 25.7% | 37.1% | 28.6% | 8.6% | White | 8 | N/A |
| White | 59.3% | 22.9% | 13.1% | 4.7% | | | |
| Other | 80.0% | 10.0% | 10.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .006* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

READING POLICE DEPARTMENT

| Total Citations ¹ : 1,265 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 33.9% | Citations per 1000 | |
| | Passing through: | 66.1% | 18 + residents: | 65.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,193) | | | | ITP Stops ³ (N = 513) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.75 | | | | 39.35 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.1% | | | | Female 40.5% | | | |
| Male 60.8% | | | | Male 59.3% | | | |
| Non-binary 0.2% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 1.9% | | | | Race % Mis/Unk ⁴ 1.9% | | | |
| AA/Black 5.8% | | | | AA/Black 5.6% | | | |
| Hispanic 10.5% | | | | Hispanic 11.3% | | | |
| White 79.4% | | | | White 78.5% | | | |
| Other 4.3% | | | | Other 4.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.8% | 0.4% | 5.4% | AA/Black | 5.8% | 14.5% | -8.7% |
| Hispanic | 10.5% | 3.0% | 7.5% | Hispanic | 10.5% | 15.2% | -4.7% |
| White | 79.4% | 91.1% | -11.7% | White | 79.4% | 65.1% | 14.3% |
| Other | 4.3% | 5.7% | -1.4% | Other | 4.3% | 5.2% | -0.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 220 | 16.5% | 27.1% | NW | 95 | 17.0% | 26.6% |
| White | 866 | 83.5% | 72.9% | White | 359 | 83.0% | 73.4% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .014* sig. | | | |
| Odds ratio Exp(B) ⁷ : .566* sig. | | | | Odds ratio Exp(B) ⁷ : .592 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 77.8% | 4.2% | 18.1% | 0.0% | NW | 2 | N/A |
| Hispanic | 69.1% | 5.1% | 22.8% | 2.9% | White | 13 | N/A |
| White | 88.8% | 2.5% | 6.6% | 2.0% | | | |
| Other | 80.4% | 9.8% | 9.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

REHOBOTH POLICE DEPARTMENT

| Total Citations ¹ : 683 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 18.8% | Citations per 1000 | |
| | Passing through: | 81.2% | 18 + residents: | 70.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 602) | | | | ITP Stops ³ (N = 236) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.73 | | | | 35.66 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.4% | | | | Female 30.8% | | | |
| Male 68.6% | | | | Male 69.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.5% | | | | Race % Mis/Unk ⁴ 3.8% | | | |
| AA/Black 15.0% | | | | AA/Black 14.5% | | | |
| Hispanic 3.6% | | | | Hispanic 2.6% | | | |
| White 80.4% | | | | White 82.4% | | | |
| Other 1.0% | | | | Other 0.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 15.0% | 0.7% | 14.3% | AA/Black | 15.0% | 14.5% | 0.5% |
| Hispanic | 3.6% | 2.8% | 0.8% | Hispanic | 3.6% | 15.2% | -11.6% |
| White | 80.4% | 92.4% | -12.0% | White | 80.4% | 65.1% | 15.3% |
| Other | 1.0% | 4.4% | -3.4% | Other | 1.0% | 5.2% | -4.2% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 104 | 17.4% | 25.9% | NW | 37 | 16.3% | 22.6% |
| White | 425 | 82.6% | 74.1% | White | 166 | 83.7% | 77.4% |
| Chi-square, X-tab ⁶ : .029* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .287 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .640 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .847 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 38.0% | 20.7% | 37.0% | 4.3% | NW | 0 | N/A |
| Hispanic | 58.3% | 0.0% | 33.3% | 8.3% | White | 3 | N/A |
| White | 55.3% | 16.6% | 23.8% | 4.3% | | | |
| Other | 57.1% | 14.3% | 28.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .059 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

REVERE POLICE DEPARTMENT

| Total Citations ¹ : 1,413 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 36.7% | Citations per 1000 | |
| | Passing through: | 63.3% | 18 + residents: | 33.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,210) | | | | ITP Stops ³ (N = 281) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.86 | | | | 37.69 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.3% | | | | Female 25.5% | | | |
| Male 67.7% | | | | Male 74.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 9.3% | | | | Race % Mis/Unk ⁴ 14.9% | | | |
| AA/Black 11.7% | | | | AA/Black 12.1% | | | |
| Hispanic 29.5% | | | | Hispanic 38.5% | | | |
| White 57.4% | | | | White 43.9% | | | |
| Other 4.0% | | | | Other 5.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.7% | 5.5% | 6.2% | AA/Black | 11.7% | 14.5% | -2.8% |
| Hispanic | 29.5% | 33.6% | -4.1% | Hispanic | 29.5% | 15.2% | 14.3% |
| White | 57.4% | 53.3% | 4.1% | White | 57.4% | 65.1% | -7.7% |
| Other | 4.0% | 10.5% | -6.5% | Other | 4.0% | 5.2% | -1.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 44 | 40.5% | 60.1% | NW | 118 | 55.0% | 53.8% |
| White | 561 | 59.5% | 39.9% | White | 98 | 45.0% | 46.2% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .879 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .477* | sig. | Odds ratio Exp(B) ⁷ : | | 1.331 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------|------------|--------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 54.2% | 26.1% | 16.2% | 3.5% | NW | 61 | 21.3% |
| Hispanic | 39.4% | 19.8% | 35.7% | 5.0% | White | 225 | 78.7% |
| White | 58.0% | 19.6% | 19.9% | 2.6% | | | |
| Other | 63.8% | 21.3% | 12.8% | 2.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ROCHESTER POLICE DEPARTMENT

| Total Citations ¹ : 402 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 15.2% | Citations per 1000 | |
| | Passing through: | 84.8% | 18 + residents: | 93.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 363) | | | | ITP Stops ³ (N = 140) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 33.73 | | | | 33.24 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.1% | | | | Female 30.2% | | | |
| Male 68.9% | | | | Male 69.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.7% | | | | Race % Mis/Unk ⁴ 5.7% | | | |
| AA/Black 10.4% | | | | AA/Black 9.1% | | | |
| Hispanic 2.7% | | | | Hispanic 1.5% | | | |
| White 86.9% | | | | White 89.4% | | | |
| Other 0.0% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.4% | 0.6% | 9.8% | AA/Black | 10.4% | 14.5% | -4.1% |
| Hispanic | 2.7% | 0.6% | 2.1% | Hispanic | 2.7% | 15.2% | -12.5% |
| White | 86.9% | 97.4% | -10.5% | White | 86.9% | 65.1% | 21.8% |
| Other | 0.0% | 1.1% | -1.1% | Other | 0.0% | 5.2% | -5.2% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 38 | 12.1% | 13.2% | NW | N/A | N/A | N/A |
| White | 265 | 87.9% | 86.8% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .773 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.041 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|-----------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 34.2% | 13.2% | 50.0% | 2.6% | NW | 0 | N/A |
| Hispanic | 44.4% | 0.0% | 44.4% | 11.1% | White | 2 | N/A |
| White | 46.3% | 17.1% | 27.6% | 9.0% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .093 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ROCKLAND POLICE DEPARTMENT

| Total Citations ¹ : 590 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 30.1% | Citations per 1000 | |
| | Passing through: | 69.9% | 18 + residents: | 42.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 499) | | | | ITP Stops ³ (N = 190) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.97 | | | | 37.31 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.5% | | | | Female 27.4% | | | |
| Male 69.5% | | | | Male 72.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.8% | | | | Race % Mis/Unk ⁴ 3.2% | | | |
| AA/Black 9.0% | | | | AA/Black 10.3% | | | |
| Hispanic 1.5% | | | | Hispanic 1.1% | | | |
| White 89.2% | | | | White 88.0% | | | |
| Other 0.4% | | | | Other 0.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.0% | 3.0% | 6.0% | AA/Black | 9.0% | 14.5% | -5.5% |
| Hispanic | 1.5% | 3.1% | -1.6% | Hispanic | 1.5% | 15.2% | -13.7% |
| White | 89.2% | 91.5% | -2.3% | White | 89.2% | 65.1% | 24.1% |
| Other | 0.4% | 1.6% | -1.2% | Other | 0.4% | 5.2% | -4.8% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 48 | 6.9% | 19.4% | NW | 18 | 6.0% | 20.8% |
| White | 405 | 93.1% | 80.6% | White | 151 | 94.0% | 79.2% |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .004* <i>sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .312* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .218* <i>sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 66.0% | 12.0% | 22.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 50.0% | 0.0% | 40.0% | 10.0% | White | 4 | N/A |
| White | 70.3% | 8.7% | 16.6% | 4.4% | | | |
| Other | 66.7% | 0.0% | 33.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .380 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ROWLEY POLICE DEPARTMENT

| Total Citations ¹ : 403 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 16.6% | Citations per 1000 | |
| | Passing through: | 83.4% | 18 + residents: | 79.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 386) | | | | ITP Stops ³ (N = 114) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.39 | | | | 40.5 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.1% | | | | Female 36.1% | | | |
| Male 65.9% | | | | Male 63.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.0% | | | | Race % Mis/Unk ⁴ 12.3% | | | |
| AA/Black 3.6% | | | | AA/Black 1.0% | | | |
| Hispanic 12.3% | | | | Hispanic 15.0% | | | |
| White 82.5% | | | | White 80.0% | | | |
| Other 1.7% | | | | Other 4.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.6% | 1.2% | 2.4% | AA/Black | 3.6% | 14.5% | -10.9% |
| Hispanic | 12.3% | 0.8% | 11.5% | Hispanic | 12.3% | 15.2% | -2.9% |
| White | 82.5% | 95.4% | -12.9% | White | 82.5% | 65.1% | 17.4% |
| Other | 1.7% | 2.7% | -1.0% | Other | 1.7% | 5.2% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 58 | 15.2% | 22.4% | NW | N/A | N/A | N/A |
| White | 283 | 84.8% | 77.6% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .130 not sig. | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .628 not sig. | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 21.4% | 21.4% | 57.1% | 0.0% | NW | 0 | N/A |
| Hispanic | 22.7% | 13.6% | 56.8% | 6.8% | White | 0 | N/A |
| White | 55.7% | 18.8% | 21.7% | 3.9% | | | |
| Other | 50.0% | 33.3% | 16.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ROYALSTON POLICE DEPARTMENT

| Total Citations ¹ : 106 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 12.0% | Citations per 1000 | |
| | Passing through: | 88.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 100) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|---|----------------------|-------------|----------------------------------|---|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 40.28 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| Female | | 30.9% | | Female | | N/A | |
| Male | | 69.1% | | Male | | N/A | |
| Non-binary | | 0.0% | | Non-binary | | N/A | |
| Race | % | Mis/Unk ⁴ | 3.0% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | | 3.1% | | AA/Black | | N/A | |
| Hispanic | | 0.0% | | Hispanic | | N/A | |
| White | | 95.9% | | White | | N/A | |
| Other | | 1.0% | | Other | | N/A | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.1% | N/A | N/A | AA/Black | 3.1% | 14.5% | -11.4% |
| Hispanic | 0.0% | N/A | N/A | Hispanic | 0.0% | 15.2% | -15.2% |
| White | 95.9% | N/A | N/A | White | 95.9% | 65.1% | 30.8% |
| Other | 1.0% | N/A | N/A | Other | 1.0% | 5.2% | -4.2% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | N/A | N/A | | Chi-square, X-tab ⁶ : | N/A | N/A | |
| Odds ratio Exp(B) ⁷ : | N/A | N/A | | Odds ratio Exp(B) ⁷ : | N/A | N/A | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|-----------------|-------------|-------------|-------|-----------|------------|
| AA/Black | 0.0% | 100.0% | 0.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 100.0% | 0.0% | 0.0% | 0.0% | White | 12 | N/A |
| White | 41.8% | 49.0% | 9.2% | 0.0% | | | |
| Other | 0.0% | 100.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | .485 | <i>not sig.</i> | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

RUSSELL POLICE DEPARTMENT

| Total Citations ¹ : 258 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 5.5% | Citations per 1000 | |
| | Passing through: | 94.5% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 256) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|---|----------------------|-------------|----------------------------------|---|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 39.85 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| Female | | 43.4% | | Female | | N/A | |
| Male | | 56.6% | | Male | | N/A | |
| Non-binary | | 0.0% | | Non-binary | | N/A | |
| Race | % | Mis/Unk ⁴ | 3.9% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | | 2.0% | | AA/Black | | N/A | |
| Hispanic | | 3.7% | | Hispanic | | N/A | |
| White | | 94.3% | | White | | N/A | |
| Other | | 0.0% | | Other | | N/A | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.0% | N/A | N/A | AA/Black | 2.0% | 14.5% | -12.5% |
| Hispanic | 3.7% | N/A | N/A | Hispanic | 3.7% | 15.2% | -11.5% |
| White | 94.3% | N/A | N/A | White | 94.3% | 65.1% | 29.2% |
| Other | 0.0% | N/A | N/A | Other | 0.0% | 5.2% | -5.2% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | N/A | N/A | | Chi-square, X-tab ⁶ : | N/A | N/A | |
| Odds ratio Exp(B) ⁷ : | N/A | N/A | | Odds ratio Exp(B) ⁷ : | N/A | N/A | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-----------------|--------------|-------------|-------|----------|------------|
| AA/Black | 80.0% | 0.0% | 20.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 66.7% | 33.3% | 0.0% | 0.0% | White | 2 | N/A |
| White | 49.6% | 44.0% | 6.0% | 0.4% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | .425 | <i>not sig.</i> | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

RUTLAND POLICE DEPARTMENT

| Total Citations ¹ : 716 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 27.0% | Citations per 1000 | |
| | Passing through: | 73.0% | 18 + residents: | 109.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 705) | | | | ITP Stops ³ (N = 265) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.89 | | | | 36.33 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.8% | | | | Female 34.0% | | | |
| Male 60.1% | | | | Male 65.7% | | | |
| Non-binary 0.1% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 6.2% | | | | AA/Black 5.0% | | | |
| Hispanic 6.6% | | | | Hispanic 8.0% | | | |
| White 85.1% | | | | White 83.2% | | | |
| Other 2.2% | | | | Other 3.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.2% | 0.0% | 6.2% | AA/Black | 6.2% | 14.5% | -8.3% |
| Hispanic | 6.6% | 3.3% | 3.3% | Hispanic | 6.6% | 15.2% | -8.6% |
| White | 85.1% | 92.1% | -7.0% | White | 85.1% | 65.1% | 20.0% |
| Other | 2.2% | 5.6% | -3.4% | Other | 2.2% | 5.2% | -3.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 100 | 12.2% | 20.7% | NW | 40 | 16.7% | 16.9% |
| White | 573 | 87.8% | 79.3% | White | 199 | 83.3% | 83.1% |
| Chi-square, X-tab ⁶ : .004* sig. | | | | Chi-square, X-tab ⁶ : .970 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .537* sig. | | | | Odds ratio Exp(B) ⁷ : 1.713 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 81.8% | 6.8% | 9.1% | 2.3% | NW | 0 | N/A |
| Hispanic | 70.2% | 12.8% | 17.0% | 0.0% | White | 3 | N/A |
| White | 79.9% | 10.1% | 6.8% | 3.2% | | | |
| Other | 86.7% | 6.7% | 6.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .370 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SALEM POLICE DEPARTMENT

| Total Citations ¹ : 5,012 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 31.6% | Citations per 1000 | |
| | Passing through: | 68.4% | 18 + residents: | 138.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,561) | | | | ITP Stops ³ (N = 1,647) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.69 | | | | 37.35 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.3% | | | | Female 38.6% | | | |
| Male 61.5% | | | | Male 61.3% | | | |
| Non-binary 0.2% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 8.4% | | | | Race % Mis/Unk ⁴ 9.7% | | | |
| AA/Black 8.3% | | | | AA/Black 8.0% | | | |
| Hispanic 19.6% | | | | Hispanic 18.8% | | | |
| White 70.1% | | | | White 71.6% | | | |
| Other 2.0% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.3% | 6.6% | 1.7% | AA/Black | 8.3% | 14.5% | -6.2% |
| Hispanic | 19.6% | 17.8% | 1.8% | Hispanic | 19.6% | 15.2% | 4.4% |
| White | 70.1% | 71.8% | -1.7% | White | 70.1% | 65.1% | 5.0% |
| Other | 2.0% | 6.9% | -4.9% | Other | 2.0% | 5.2% | -3.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,186 | 26.0% | 38.0% | NW | 371 | 26.0% | 30.1% |
| White | 2,787 | 74.0% | 62.0% | White | 970 | 74.0% | 69.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .104 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .541* sig. | | | | Odds ratio Exp(B) ⁷ : .759 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 50.8% | 37.6% | 7.5% | 4.0% | NW | 8 | N/A |
| Hispanic | 47.5% | 40.9% | 8.4% | 3.1% | White | 6 | N/A |
| White | 54.0% | 39.7% | 3.6% | 2.7% | | | |
| Other | 58.2% | 38.5% | 3.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SALISBURY POLICE DEPARTMENT

| Total Citations ¹ : 872 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 25.9% | Citations per 1000 | |
| | Passing through: | 74.1% | 18 + residents: | 134.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 831) | | | | ITP Stops ³ (N = 444) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.89 | | | | 40.11 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.2% | | | | Female 40.5% | | | |
| Male 61.8% | | | | Male 59.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.5% | | | | Race % Mis/Unk ⁴ 4.5% | | | |
| AA/Black 2.0% | | | | AA/Black 2.6% | | | |
| Hispanic 6.7% | | | | Hispanic 6.1% | | | |
| White 88.9% | | | | White 88.9% | | | |
| Other 2.4% | | | | Other 2.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.0% | 0.7% | 1.3% | AA/Black | 2.0% | 14.5% | -12.5% |
| Hispanic | 6.7% | 3.6% | 3.1% | Hispanic | 6.7% | 15.2% | -8.5% |
| White | 88.9% | 92.8% | -3.9% | White | 88.9% | 65.1% | 23.8% |
| Other | 2.4% | 2.4% | 0.0% | Other | 2.4% | 5.2% | -2.8% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 82 | 8.1% | 15.3% | NW | 42 | 7.7% | 15.5% |
| White | 665 | 91.9% | 84.7% | White | 341 | 92.3% | 84.5% |
| Chi-square, X-tab ⁶ : .002* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .015* <i>sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .489* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .461 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|--------------|-------|-----------|------------|
| AA/Black | 87.5% | 6.3% | 6.3% | 0.0% | NW | 2 | N/A |
| Hispanic | 50.9% | 5.5% | 36.4% | 7.3% | White | 12 | N/A |
| White | 71.6% | 9.8% | 14.2% | 4.3% | | | |
| Other | 45.0% | 10.0% | 25.0% | 20.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SANDISFIELD POLICE DEPARTMENT

| Total Citations ¹ : 101 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|---------------|-----------------------------------|------------|
| | Intown motorist: | 0.0% | Citations per 1000 | |
| | Passing through: | 100.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 100) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|---|----------------------|-------------|----------------------------------|---|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 44.77 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| Female | | 34.0% | | Female | | N/A | |
| Male | | 66.0% | | Male | | N/A | |
| Non-binary | | 0.0% | | Non-binary | | N/A | |
| Race | % | Mis/Unk ⁴ | 6.0% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | | 4.3% | | AA/Black | | N/A | |
| Hispanic | | 7.4% | | Hispanic | | N/A | |
| White | | 86.2% | | White | | N/A | |
| Other | | 2.1% | | Other | | N/A | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.3% | N/A | N/A | AA/Black | 4.3% | 14.5% | -10.2% |
| Hispanic | 7.4% | N/A | N/A | Hispanic | 7.4% | 15.2% | -7.8% |
| White | 86.2% | N/A | N/A | White | 86.2% | 65.1% | 21.1% |
| Other | 2.1% | N/A | N/A | Other | 2.1% | 5.2% | -3.1% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | N/A | N/A | | Chi-square, X-tab ⁶ : | N/A | N/A | |
| Odds ratio Exp(B) ⁷ : | N/A | N/A | | Odds ratio Exp(B) ⁷ : | N/A | N/A | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 50.0% | 25.0% | 25.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 28.6% | 28.6% | 42.9% | 0.0% | White | 0 | N/A |
| White | 63.4% | 28.0% | 8.5% | 0.0% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | .131 | not sig. | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SANDWICH POLICE DEPARTMENT

| Total Citations ¹ : 598 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 19.0% | Citations per 1000 | |
| | Passing through: | 81.0% | 18 + residents: | 36.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 537) | | | | ITP Stops ³ (N = 190) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.78 | | | | 39.62 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.2% | | | | Female 34.0% | | | |
| Male 59.6% | | | | Male 66.0% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 1.6% | | | |
| AA/Black 4.9% | | | | AA/Black 6.4% | | | |
| Hispanic 3.6% | | | | Hispanic 5.9% | | | |
| White 89.8% | | | | White 86.1% | | | |
| Other 1.7% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.9% | 1.0% | 3.9% | AA/Black | 4.9% | 14.5% | -9.6% |
| Hispanic | 3.6% | 2.1% | 1.5% | Hispanic | 3.6% | 15.2% | -11.6% |
| White | 89.8% | 93.0% | -3.2% | White | 89.8% | 65.1% | 24.7% |
| Other | 1.7% | 2.8% | -1.1% | Other | 1.7% | 5.2% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 47 | 9.2% | 10.3% | NW | 20 | 13.9% | 11.1% |
| White | 446 | 90.8% | 89.7% | White | 140 | 86.1% | 88.9% |
| Chi-square, X-tab ⁶ : .686 not sig. | | | | Chi-square, X-tab ⁶ : .591 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .964 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.136 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 44.4% | 18.5% | 29.6% | 7.4% | NW | 0 | N/A |
| Hispanic | 35.0% | 20.0% | 20.0% | 25.0% | White | 2 | N/A |
| White | 58.0% | 18.6% | 16.6% | 6.8% | | | |
| Other | 66.7% | 11.1% | 11.1% | 11.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .105 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SAUGUS POLICE DEPARTMENT

| Total Citations ¹ : 750 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 35.8% | Citations per 1000 | |
| | Passing through: | 64.2% | 18 + residents: | 31.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 674) | | | | ITP Stops ³ (N = 135) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.1 | | | | 37.49 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.3% | | | | Female 34.3% | | | |
| Male 64.7% | | | | Male 65.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.0% | | | | Race % Mis/Unk ⁴ 4.4% | | | |
| AA/Black 10.2% | | | | AA/Black 10.9% | | | |
| Hispanic 6.1% | | | | Hispanic 5.4% | | | |
| White 80.7% | | | | White 79.8% | | | |
| Other 2.9% | | | | Other 3.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.2% | 2.1% | 8.1% | AA/Black | 10.2% | 14.5% | -4.3% |
| Hispanic | 6.1% | 8.6% | -2.5% | Hispanic | 6.1% | 15.2% | -9.1% |
| White | 80.7% | 83.3% | -2.6% | White | 80.7% | 65.1% | 15.6% |
| Other | 2.9% | 5.8% | -2.9% | Other | 2.9% | 5.2% | -2.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 114 | 17.0% | 25.2% | NW | 23 | 13.9% | 28.3% |
| White | 500 | 83.0% | 74.8% | White | 95 | 86.1% | 71.7% |
| Chi-square, X-tab ⁶ : .042* sig. | | | | Chi-square, X-tab ⁶ : .055 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .584* sig. | | | | Odds ratio Exp(B) ⁷ : .188* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.3% | 12.3% | 21.9% | 5.5% | NW | 5 | N/A |
| Hispanic | 36.0% | 30.0% | 28.0% | 6.0% | White | 5 | N/A |
| White | 68.1% | 13.6% | 14.7% | 3.6% | | | |
| Other | 80.0% | 5.0% | 15.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SCITUATE POLICE DEPARTMENT

| Total Citations ¹ : 411 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 49.2% | Citations per 1000 | |
| | Passing through: | 50.8% | 18 + residents: | 27.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 372) | | | | ITP Stops ³ (N = 198) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.76 | | | | 38.71 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.1% | | | | Female 35.2% | | | |
| Male 60.9% | | | | Male 64.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 8.6% | | | | Race % Mis/Unk ⁴ 7.6% | | | |
| AA/Black 2.6% | | | | AA/Black 2.2% | | | |
| Hispanic 3.2% | | | | Hispanic 3.3% | | | |
| White 92.9% | | | | White 93.4% | | | |
| Other 1.2% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.6% | 0.7% | 1.9% | AA/Black | 2.6% | 14.5% | -11.9% |
| Hispanic | 3.2% | 1.0% | 2.2% | Hispanic | 3.2% | 15.2% | -12.0% |
| White | 92.9% | 95.3% | -2.4% | White | 92.9% | 65.1% | 27.8% |
| Other | 1.2% | 1.6% | -0.4% | Other | 1.2% | 5.2% | -4.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 24 | 8.0% | 6.3% | NW | N/A | N/A | N/A |
| White | 298 | 92.0% | 93.8% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .592 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.297 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 45.5% | 9.1% | 27.3% | 18.2% | NW | 0 | N/A |
| Hispanic | 18.2% | 9.1% | 72.7% | 0.0% | White | 3 | N/A |
| White | 69.5% | 13.0% | 8.6% | 8.9% | | | |
| Other | 60.0% | 20.0% | 20.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SEEKONK POLICE DEPARTMENT

| Total Citations ¹ : 1,559 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 21.8% | Citations per 1000 | |
| | Passing through: | 78.2% | 18 + residents: | 125.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,340) | | | | ITP Stops ³ (N = 536) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.84 | | | | 38.12 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.4% | | | | Female 39.3% | | | |
| Male 58.5% | | | | Male 60.7% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 1.7% | | | |
| AA/Black 12.1% | | | | AA/Black 11.2% | | | |
| Hispanic 7.6% | | | | Hispanic 9.5% | | | |
| White 79.0% | | | | White 78.2% | | | |
| Other 1.4% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.1% | 1.0% | 11.1% | AA/Black | 12.1% | 14.5% | -2.4% |
| Hispanic | 7.6% | 2.5% | 5.1% | Hispanic | 7.6% | 15.2% | -7.6% |
| White | 79.0% | 92.3% | -13.3% | White | 79.0% | 65.1% | 13.9% |
| Other | 1.4% | 4.6% | -3.2% | Other | 1.4% | 5.2% | -3.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 249 | 16.3% | 27.3% | NW | 101 | 17.4% | 28.5% |
| White | 961 | 83.7% | 72.7% | White | 365 | 82.6% | 71.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .005* sig. | | | |
| Odds ratio Exp(B) ⁷ : .525* sig. | | | | Odds ratio Exp(B) ⁷ : .631 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 70.1% | 13.4% | 15.0% | 1.6% | NW | 0 | N/A |
| Hispanic | 70.4% | 8.7% | 18.3% | 2.6% | White | 3 | N/A |
| White | 77.2% | 13.6% | 8.6% | 0.6% | | | |
| Other | 66.7% | 28.6% | 4.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SHARON POLICE DEPARTMENT

| Total Citations ¹ : 2,021 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 26.5% | Citations per 1000 | |
| | Passing through: | 73.5% | 18 + residents: | 146.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,953) | | | | ITP Stops ³ (N = 722) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.35 | | | | 38.94 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.4% | | | | Female 34.4% | | | |
| Male 63.3% | | | | Male 65.4% | | | |
| Non-binary 0.3% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 0.4% | | | |
| AA/Black 21.3% | | | | AA/Black 19.2% | | | |
| Hispanic 5.6% | | | | Hispanic 7.0% | | | |
| White 64.9% | | | | White 65.8% | | | |
| Other 8.1% | | | | Other 8.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 21.3% | 2.6% | 18.7% | AA/Black | 21.3% | 14.5% | 6.8% |
| Hispanic | 5.6% | 5.4% | 0.2% | Hispanic | 5.6% | 15.2% | -9.6% |
| White | 64.9% | 73.1% | -8.2% | White | 64.9% | 65.1% | -0.2% |
| Other | 8.1% | 18.5% | -10.4% | Other | 8.1% | 5.2% | 2.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 631 | 29.7% | 45.8% | NW | 211 | 31.4% | 38.5% |
| White | 1,174 | 70.3% | 54.2% | White | 416 | 68.6% | 61.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .079 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .488* sig. | | | | Odds ratio Exp(B) ⁷ : .643 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 82.2% | 6.9% | 10.7% | 0.2% | NW | 7 | N/A |
| Hispanic | 73.9% | 3.5% | 22.6% | 0.0% | White | 3 | N/A |
| White | 90.7% | 4.3% | 4.9% | 0.2% | | | |
| Other | 91.9% | 3.7% | 3.7% | 0.6% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SHEFFIELD POLICE DEPARTMENT

| Total Citations ¹ : 444 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 12.9% | Citations per 1000 | |
| | Passing through: | 87.1% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 417) | | | | ITP Stops ³ (N = 128) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 42.86 | | | | 38.11 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.7% | | | | Female 36.7% | | | |
| Male 63.3% | | | | Male 63.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 4.4% | | | | AA/Black 7.1% | | | |
| Hispanic 5.2% | | | | Hispanic 6.3% | | | |
| White 88.6% | | | | White 85.0% | | | |
| Other 1.7% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.4% | N/A | N/A | AA/Black | 4.4% | 14.5% | -10.1% |
| Hispanic | 5.2% | N/A | N/A | Hispanic | 5.2% | 15.2% | -10.0% |
| White | 88.6% | N/A | N/A | White | 88.6% | 65.1% | 23.5% |
| Other | 1.7% | N/A | N/A | Other | 1.7% | 5.2% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 42 | 10.7% | 12.5% | NW | 16 | 12.9% | 17.5% |
| White | 328 | 89.3% | 87.5% | White | 94 | 87.1% | 82.5% |
| Chi-square, X-tab ⁶ : .612 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .506 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .733 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .767 <i>not sig.</i> | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 47.4% | 21.1% | 15.8% | 15.8% | NW | 0 | N/A |
| Hispanic | 52.2% | 8.7% | 30.4% | 8.7% | White | 1 | N/A |
| White | 60.0% | 19.2% | 15.0% | 5.8% | | | |
| Other | 57.1% | 42.9% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .211 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SHELBURNE POLICE DEPARTMENT

| Total Citations ¹ : 211 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 7.7% | Citations per 1000 | |
| | Passing through: | 92.3% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 196) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.42 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 31.8% | | | | Female N/A | | | |
| Male 68.2% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 7.7% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 0.6% | | | | AA/Black N/A | | | |
| Hispanic 3.3% | | | | Hispanic N/A | | | |
| White 96.1% | | | | White N/A | | | |
| Other 0.0% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 0.6% | N/A | N/A | AA/Black | 0.6% | 14.5% | -13.9% |
| Hispanic | 3.3% | N/A | N/A | Hispanic | 3.3% | 15.2% | -11.9% |
| White | 96.1% | N/A | N/A | White | 96.1% | 65.1% | 31.0% |
| Other | 0.0% | N/A | N/A | Other | 0.0% | 5.2% | -5.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|-------------|---------------|-------|----------|------------|
| AA/Black | 100.0% | 0.0% | 0.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 66.7% | 33.3% | 0.0% | 0.0% | White | 3 | N/A |
| White | 74.9% | 11.8% | 9.6% | 3.7% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .759 not sig. | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SHERBORN POLICE DEPARTMENT

| Total Citations ¹ : 3,056 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 9.0% | Citations per 1000 | |
| | Passing through: | 91.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,961) | | | | ITP Stops ³ (N = 1,191) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.72 | | | | 40.1 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.5% | | | | Female 35.1% | | | |
| Male 62.4% | | | | Male 64.7% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 0.5% | | | | Race % Mis/Unk ⁴ 0.3% | | | |
| AA/Black 6.8% | | | | AA/Black 6.8% | | | |
| Hispanic 9.9% | | | | Hispanic 9.4% | | | |
| White 78.7% | | | | White 79.0% | | | |
| Other 4.6% | | | | Other 4.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.8% | N/A | N/A | AA/Black | 6.8% | 14.5% | -7.7% |
| Hispanic | 9.9% | N/A | N/A | Hispanic | 9.9% | 15.2% | -5.3% |
| White | 78.7% | N/A | N/A | White | 78.7% | 65.1% | 13.6% |
| Other | 4.6% | N/A | N/A | Other | 4.6% | 5.2% | -0.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 586 | 18.0% | 25.5% | NW | 212 | 18.0% | 22.7% |
| White | 2,221 | 82.0% | 74.5% | White | 846 | 82.0% | 77.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .062 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .613* sig. | | | | Odds ratio Exp(B) ⁷ : .639* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 70.2% | 17.6% | 11.7% | 0.5% | NW | 1 | N/A |
| Hispanic | 47.1% | 20.6% | 30.4% | 2.0% | White | 0 | N/A |
| White | 76.4% | 13.3% | 9.4% | 0.9% | | | |
| Other | 73.2% | 21.7% | 5.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SHIRLEY POLICE DEPARTMENT

| Total Citations ¹ : 694 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 21.2% | Citations per 1000 | |
| | Passing through: | 78.8% | 18 + residents: | 103.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 684) | | | | ITP Stops ³ (N = 335) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.25 | | | | 38.7 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.4% | | | | Female 36.4% | | | |
| Male 59.6% | | | | Male 63.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.9% | | | | Race % Mis/Unk ⁴ 3.9% | | | |
| AA/Black 5.8% | | | | AA/Black 5.0% | | | |
| Hispanic 12.0% | | | | Hispanic 12.4% | | | |
| White 77.8% | | | | White 78.0% | | | |
| Other 4.4% | | | | Other 4.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.8% | 8.5% | -2.7% | AA/Black | 5.8% | 14.5% | -8.7% |
| Hispanic | 12.0% | 9.8% | 2.2% | Hispanic | 12.0% | 15.2% | -3.2% |
| White | 77.8% | 74.9% | 2.9% | White | 77.8% | 65.1% | 12.7% |
| Other | 4.4% | 7.1% | -2.7% | Other | 4.4% | 5.2% | -0.8% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 138 | 22.8% | 21.7% | NW | 63 | 24.7% | 18.0% |
| White | 475 | 77.2% | 78.3% | White | 219 | 75.3% | 82.0% |
| Chi-square, X-tab ⁶ : .785 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .195 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : 1.113 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.102 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 68.4% | 21.1% | 10.5% | 0.0% | NW | 3 | N/A |
| Hispanic | 46.3% | 30.0% | 20.0% | 3.8% | White | 3 | N/A |
| White | 69.1% | 21.9% | 6.2% | 2.7% | | | |
| Other | 60.6% | 30.3% | 0.0% | 9.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SHREWSBURY POLICE DEPARTMENT

| Total Citations ¹ : 3,314 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 25.6% | Citations per 1000 | |
| | Passing through: | 74.4% | 18 + residents: | 112.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,242) | | | | ITP Stops ³ (N = 1,455) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.79 | | | | 37.69 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.5% | | | | Female 32.1% | | | |
| Male 68.5% | | | | Male 67.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.0% | | | | Race % Mis/Unk ⁴ 0.5% | | | |
| AA/Black 16.2% | | | | AA/Black 14.5% | | | |
| Hispanic 19.4% | | | | Hispanic 18.9% | | | |
| White 53.3% | | | | White 53.8% | | | |
| Other 11.1% | | | | Other 12.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 16.2% | 3.0% | 13.2% | AA/Black | 16.2% | 14.5% | 1.7% |
| Hispanic | 19.4% | 4.8% | 14.6% | Hispanic | 19.4% | 15.2% | 4.2% |
| White | 53.3% | 69.9% | -16.6% | White | 53.3% | 65.1% | -11.8% |
| Other | 11.1% | 22.8% | -11.7% | Other | 11.1% | 5.2% | 5.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,413 | 37.8% | 56.2% | NW | 595 | 42.5% | 50.9% |
| White | 1,594 | 62.2% | 43.8% | White | 697 | 57.5% | 49.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .003* sig. | | | |
| Odds ratio Exp(B) ⁷ : .515* sig. | | | | Odds ratio Exp(B) ⁷ : .795 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|-----------|------------|
| AA/Black | 74.7% | 14.2% | 7.2% | 4.0% | NW | 54 | N/A |
| Hispanic | 69.1% | 16.9% | 7.8% | 6.3% | White | 40 | N/A |
| White | 73.5% | 17.8% | 4.5% | 4.3% | | | |
| Other | 73.0% | 24.5% | 1.7% | 0.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SHUTESBURY POLICE DEPARTMENT

| Total Citations ¹ : 104 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 6.1% | Citations per 1000 | |
| | Passing through: | 93.9% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 98) | | | | ITP Stops ³ (N = N/A) | | | |
|---------------------------------|---|----------------------|-------------|----------------------------------|---|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 30.51 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| Female | | 45.9% | | Female | | N/A | |
| Male | | 54.1% | | Male | | N/A | |
| Non-binary | | 0.0% | | Non-binary | | N/A | |
| Race | % | Mis/Unk ⁴ | 9.2% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | | 0.0% | | AA/Black | | N/A | |
| Hispanic | | 3.4% | | Hispanic | | N/A | |
| White | | 86.5% | | White | | N/A | |
| Other | | 10.1% | | Other | | N/A | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 0.0% | N/A | N/A | AA/Black | 0.0% | 14.5% | -14.5% |
| Hispanic | 3.4% | N/A | N/A | Hispanic | 3.4% | 15.2% | -11.8% |
| White | 86.5% | N/A | N/A | White | 86.5% | 65.1% | 21.4% |
| Other | 10.1% | N/A | N/A | Other | 10.1% | 5.2% | 4.9% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | N/A | N/A | | Chi-square, X-tab ⁶ : | N/A | N/A | |
| Odds ratio Exp(B) ⁷ : | N/A | N/A | | Odds ratio Exp(B) ⁷ : | N/A | N/A | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-----------------|--------------|-------------|-------|----------|------------|
| AA/Black | 0.0% | 0.0% | 0.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 60.0% | 20.0% | 20.0% | 0.0% | White | 0 | N/A |
| White | 72.8% | 21.0% | 4.9% | 1.2% | | | |
| Other | 66.7% | 33.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | .752 | <i>not sig.</i> | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SOMERSET POLICE DEPARTMENT

| Total Citations ¹ : 3,790 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 37.2% | Citations per 1000 | |
| | Passing through: | 62.8% | 18 + residents: | 257.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,563) | | | | ITP Stops ³ (N = 1,158) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.33 | | | | 39.59 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.4% | | | | Female 41.7% | | | |
| Male 55.6% | | | | Male 58.2% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.0% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 4.1% | | | | AA/Black 3.2% | | | |
| Hispanic 3.1% | | | | Hispanic 2.8% | | | |
| White 91.6% | | | | White 92.8% | | | |
| Other 1.1% | | | | Other 1.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.1% | 0.5% | 3.6% | AA/Black | 4.1% | 14.5% | -10.4% |
| Hispanic | 3.1% | 0.9% | 2.2% | Hispanic | 3.1% | 15.2% | -12.1% |
| White | 91.6% | 97.5% | -5.9% | White | 91.6% | 65.1% | 26.5% |
| Other | 1.1% | 0.8% | 0.3% | Other | 1.1% | 5.2% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 286 | 6.8% | 11.7% | NW | 72 | 7.0% | 7.3% |
| White | 3,114 | 93.2% | 88.3% | White | 952 | 93.0% | 92.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .841 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .535* sig. | | | | Odds ratio Exp(B) ⁷ : 1.052 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 69.6% | 8.9% | 19.6% | 1.9% | NW | 0 | N/A |
| Hispanic | 65.5% | 13.4% | 18.5% | 2.5% | White | 0 | N/A |
| White | 84.4% | 10.8% | 4.2% | 0.6% | | | |
| Other | 90.5% | 2.4% | 7.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SOMERVILLE POLICE DEPARTMENT

| Total Citations ¹ : 3,816 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 25.1% | Citations per 1000 | |
| | Passing through: | 74.9% | 18 + residents: | 53.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,647) | | | | ITP Stops ³ (N = 540) | | | |
|--|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.63 | | | | 39.78 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.1% | | | | Female 35.9% | | | |
| Male 63.9% | | | | Male 64.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 11.9% | | | | Race % Mis/Unk ⁴ 4.8% | | | |
| AA/Black 11.3% | | | | AA/Black 12.3% | | | |
| Hispanic 13.8% | | | | Hispanic 18.9% | | | |
| White 66.4% | | | | White 57.0% | | | |
| Other 8.6% | | | | Other 11.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.3% | 6.2% | 5.1% | AA/Black | 11.3% | 14.5% | -3.2% |
| Hispanic | 13.8% | 12.4% | 1.4% | Hispanic | 13.8% | 15.2% | -1.4% |
| White | 66.4% | 68.2% | -1.8% | White | 66.4% | 65.1% | 1.3% |
| Other | 8.6% | 14.8% | -6.2% | Other | 8.6% | 5.2% | 3.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,043 | 32.7% | 43.9% | NW | 204 | 41.1% | 49.5% |
| White | 2,072 | 67.3% | 56.1% | White | 273 | 58.9% | 50.5% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .140 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .674* sig. | | | | Odds ratio Exp(B) ⁷ : 1.069 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|-------------|-------------|-------|----------|------------|
| AA/Black | 89.9% | 4.1% | 5.8% | 0.3% | NW | 1 | N/A |
| Hispanic | 93.9% | 4.0% | 1.1% | 1.1% | White | 2 | N/A |
| White | 90.5% | 7.7% | 1.7% | 0.2% | | | |
| Other | 93.3% | 6.0% | 0.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SOUTH HADLEY POLICE DEPARTMENT

| Total Citations ¹ : 651 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 26.0% | Citations per 1000 | |
| | Passing through: | 74.0% | 18 + residents: | 42.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 593) | | | | ITP Stops ³ (N = 195) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.4 | | | | 35.96 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.9% | | | | Female 34.0% | | | |
| Male 56.9% | | | | Male 66.0% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.8% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 6.0% | | | | AA/Black 5.7% | | | |
| Hispanic 4.9% | | | | Hispanic 3.1% | | | |
| White 88.1% | | | | White 90.7% | | | |
| Other 1.0% | | | | Other 0.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.0% | 1.8% | 4.2% | AA/Black | 6.0% | 14.5% | -8.5% |
| Hispanic | 4.9% | 6.4% | -1.5% | Hispanic | 4.9% | 15.2% | -10.3% |
| White | 88.1% | 84.8% | 3.3% | White | 88.1% | 65.1% | 23.0% |
| Other | 1.0% | 8.2% | -7.2% | Other | 1.0% | 5.2% | -4.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 66 | 10.2% | 16.1% | NW | 16 | 8.8% | 10.3% |
| White | 483 | 89.8% | 83.9% | White | 155 | 91.2% | 89.7% |
| Chi-square, X-tab ⁶ : .053 not sig. | | | | Chi-square, X-tab ⁶ : .751 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .657 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.161 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 73.7% | 5.3% | 18.4% | 2.6% | NW | 0 | N/A |
| Hispanic | 53.3% | 10.0% | 36.7% | 0.0% | White | 16 | N/A |
| White | 71.1% | 8.1% | 16.8% | 4.0% | | | |
| Other | 83.3% | 16.7% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .240 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SOUTHAMPTON POLICE DEPARTMENT

| Total Citations ¹ : 294 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 22.3% | Citations per 1000 | |
| | Passing through: | 77.7% | 18 + residents: | 57.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 278) | | | | ITP Stops ³ (N = 162) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.68 | | | | 34.71 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.5% | | | | Female 43.2% | | | |
| Male 56.1% | | | | Male 56.2% | | | |
| Non-binary 0.4% | | | | Non-binary 0.6% | | | |
| Race % Mis/Unk ⁴ 4.7% | | | | Race % Mis/Unk ⁴ 4.9% | | | |
| AA/Black 1.9% | | | | AA/Black 1.9% | | | |
| Hispanic 8.7% | | | | Hispanic 4.5% | | | |
| White 86.8% | | | | White 90.9% | | | |
| Other 2.6% | | | | Other 2.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 1.9% | 0.4% | 1.5% | AA/Black | 1.9% | 14.5% | -12.6% |
| Hispanic | 8.7% | 0.0% | 8.7% | Hispanic | 8.7% | 15.2% | -6.5% |
| White | 86.8% | 95.6% | -8.8% | White | 86.8% | 65.1% | 21.7% |
| Other | 2.6% | 3.9% | -1.3% | Other | 2.6% | 5.2% | -2.6% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 31 | 10.4% | 18.5% | NW | N/A | N/A | N/A |
| White | 216 | 89.6% | 81.5% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .094 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .416* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 83.3% | 16.7% | 0.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 79.2% | 16.7% | 4.2% | 0.0% | White | 1 | N/A |
| White | 75.7% | 15.2% | 7.0% | 2.1% | | | |
| Other | 71.4% | 28.6% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .972 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SOUTHBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 3,230 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 9.7% | Citations per 1000 | |
| | Passing through: | 90.3% | 18 + residents: | 428.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,176) | | | | ITP Stops ³ (N = 1,115) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.38 | | | | 39.12 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.2% | | | | Female 38.5% | | | |
| Male 62.7% | | | | Male 61.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.2% | | | | Race % Mis/Unk ⁴ 0.1% | | | |
| AA/Black 11.3% | | | | AA/Black 9.4% | | | |
| Hispanic 17.6% | | | | Hispanic 16.2% | | | |
| White 59.5% | | | | White 61.2% | | | |
| Other 11.6% | | | | Other 13.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.3% | 0.7% | 10.6% | AA/Black | 11.3% | 14.5% | -3.2% |
| Hispanic | 17.6% | 3.9% | 13.7% | Hispanic | 17.6% | 15.2% | 2.4% |
| White | 59.5% | 79.2% | -19.7% | White | 59.5% | 65.1% | -5.6% |
| Other | 11.6% | 15.5% | -3.9% | Other | 11.6% | 5.2% | 6.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,228 | 32.1% | 51.9% | NW | 376 | 36.2% | 43.4% |
| White | 1,805 | 67.9% | 48.1% | White | 604 | 63.8% | 56.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .031* sig. | | | |
| Odds ratio Exp(B) ⁷ : .442* sig. | | | | Odds ratio Exp(B) ⁷ : .653* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|------------|--------------|
| AA/Black | 77.8% | 10.8% | 10.2% | 1.1% | NW | 135 | 49.1% |
| Hispanic | 63.9% | 12.5% | 19.7% | 3.9% | White | 140 | 50.9% |
| White | 81.4% | 12.5% | 5.1% | 1.0% | | | |
| Other | 90.2% | 6.0% | 3.3% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SOUTHBRIDGE POLICE DEPARTMENT

| Total Citations ¹ : 947 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 56.5% | Citations per 1000 | |
| | Passing through: | 43.5% | 18 + residents: | 72.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 843) | | | | ITP Stops ³ (N = 284) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.41 | | | | 33.77 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.6% | | | | Female 29.8% | | | |
| Male 65.4% | | | | Male 70.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 2.8% | | | |
| AA/Black 6.9% | | | | AA/Black 8.0% | | | |
| Hispanic 28.9% | | | | Hispanic 26.1% | | | |
| White 63.2% | | | | White 64.5% | | | |
| Other 1.0% | | | | Other 1.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.9% | 3.4% | 3.5% | AA/Black | 6.9% | 14.5% | -7.6% |
| Hispanic | 28.9% | 32.9% | -4.0% | Hispanic | 28.9% | 15.2% | 13.7% |
| White | 63.2% | 62.9% | 0.3% | White | 63.2% | 65.1% | -1.9% |
| Other | 1.0% | 4.8% | -3.8% | Other | 1.0% | 5.2% | -4.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 287 | 35.2% | 41.3% | NW | 91 | 32.3% | 41.2% |
| White | 485 | 64.8% | 58.7% | White | 164 | 67.7% | 58.8% |
| Chi-square, X-tab ⁶ : .104 not sig. | | | | Chi-square, X-tab ⁶ : .147 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .781 not sig. | | | | Odds ratio Exp(B) ⁷ : .689 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 23.3% | 12.3% | 56.2% | 8.2% | NW | 17 | N/A |
| Hispanic | 43.7% | 13.7% | 37.6% | 4.9% | White | 2 | N/A |
| White | 52.1% | 15.3% | 29.7% | 2.9% | | | |
| Other | 87.5% | 0.0% | 12.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SOUTHWICK POLICE DEPARTMENT

| Total Citations ¹ : 1,123 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 26.2% | Citations per 1000 | |
| | Passing through: | 73.8% | 18 + residents: | 143.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,094) | | | | ITP Stops ³ (N = 283) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.84 | | | | 36.93 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.0% | | | | Female 33.0% | | | |
| Male 63.0% | | | | Male 67.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 3.8% | | | | AA/Black 2.2% | | | |
| Hispanic 3.6% | | | | Hispanic 3.6% | | | |
| White 92.1% | | | | White 93.5% | | | |
| Other 0.6% | | | | Other 0.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.8% | 0.1% | 3.7% | AA/Black | 3.8% | 14.5% | -10.7% |
| Hispanic | 3.6% | 3.5% | 0.1% | Hispanic | 3.6% | 15.2% | -11.6% |
| White | 92.1% | 92.8% | -0.7% | White | 92.1% | 65.1% | 27.0% |
| Other | 0.6% | 3.6% | -3.0% | Other | 0.6% | 5.2% | -4.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 85 | 7.1% | 10.7% | NW | 17 | 7.5% | 6.1% |
| White | 966 | 92.9% | 89.3% | White | 231 | 92.5% | 93.9% |
| Chi-square, X-tab ⁶ : | | .053 | not sig. | Chi-square, X-tab ⁶ : | | .656 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .615 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.084 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 61.9% | 11.9% | 26.2% | 0.0% | NW | 3 | N/A |
| Hispanic | 64.3% | 14.3% | 14.3% | 7.1% | White | 0 | N/A |
| White | 82.7% | 11.4% | 4.5% | 1.5% | | | |
| Other | 50.0% | 33.3% | 16.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SPENCER POLICE DEPARTMENT

| Total Citations ¹ : 405 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 33.7% | Citations per 1000 | |
| | Passing through: | 66.3% | 18 + residents: | 40.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 377) | | | | ITP Stops ³ (N = 142) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.13 | | | | 36.4 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.6% | | | | Female 40.0% | | | |
| Male 60.2% | | | | Male 60.0% | | | |
| Non-binary 0.3% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.0% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 7.5% | | | | AA/Black 4.3% | | | |
| Hispanic 11.7% | | | | Hispanic 7.9% | | | |
| White 79.3% | | | | White 87.1% | | | |
| Other 1.4% | | | | Other 0.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.5% | 1.0% | 6.5% | AA/Black | 7.5% | 14.5% | -7.0% |
| Hispanic | 11.7% | 3.3% | 8.4% | Hispanic | 11.7% | 15.2% | -3.5% |
| White | 79.3% | 90.0% | -10.7% | White | 79.3% | 65.1% | 14.2% |
| Other | 1.4% | 5.8% | -4.4% | Other | 1.4% | 5.2% | -3.8% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 71 | 11.2% | 40.0% | NW | N/A | N/A | N/A |
| White | 267 | 88.8% | 60.0% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .174* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶*Sig.* Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 36.7% | 20.0% | 23.3% | 20.0% | NW | 0 | N/A |
| Hispanic | 48.8% | 18.6% | 25.6% | 7.0% | White | 1 | N/A |
| White | 57.7% | 18.6% | 17.3% | 6.5% | | | |
| Other | 60.0% | 40.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .142 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SPRINGFIELD POLICE DEPARTMENT

| Total Citations ¹ : 13,794 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 68.8% | Citations per 1000 | |
| | Passing through: | 31.2% | 18 + residents: | 119.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 12,809) | | | | ITP Stops ³ (N = 4,532) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.89 | | | | 36.25 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.1% | | | | Female 41.4% | | | |
| Male 58.8% | | | | Male 58.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.0% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 27.7% | | | | AA/Black 28.0% | | | |
| Hispanic 25.3% | | | | Hispanic 28.2% | | | |
| White 45.5% | | | | White 42.3% | | | |
| Other 1.4% | | | | Other 1.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 27.7% | 20.9% | 6.8% | AA/Black | 27.7% | 14.5% | 13.2% |
| Hispanic | 25.3% | 45.0% | -19.7% | Hispanic | 25.3% | 15.2% | 10.1% |
| White | 45.5% | 31.2% | 14.3% | White | 45.5% | 65.1% | -19.6% |
| Other | 1.4% | 7.6% | -6.2% | Other | 1.4% | 5.2% | -3.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 6,013 | 55.8% | 57.1% | NW | 2,359 | 59.4% | 55.0% |
| White | 4,678 | 44.2% | 42.9% | White | 1,740 | 40.6% | 45.0% |
| Chi-square, X-tab ⁶ : .187 not sig. | | | | Chi-square, X-tab ⁶ : .005* sig. | | | |
| Odds ratio Exp(B) ⁷ : .930 not sig. | | | | Odds ratio Exp(B) ⁷ : .938 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 64.5% | 24.6% | 10.8% | 0.1% | NW | 27 | N/A |
| Hispanic | 66.6% | 32.4% | 1.0% | 0.0% | White | 12 | N/A |
| White | 62.1% | 24.3% | 13.5% | 0.0% | | | |
| Other | 72.4% | 25.0% | 2.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

STERLING POLICE DEPARTMENT

| Total Citations ¹ : 307 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 27.2% | Citations per 1000 | |
| | Passing through: | 72.8% | 18 + residents: | 48.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 287) | | | | ITP Stops ³ (N = 94) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.51 | | | | 34.03 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.4% | | | | Female 29.8% | | | |
| Male 63.6% | | | | Male 70.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 6.6% | | | | Race % Mis/Unk ⁴ 5.3% | | | |
| AA/Black 8.2% | | | | AA/Black 7.9% | | | |
| Hispanic 15.3% | | | | Hispanic 12.4% | | | |
| White 73.9% | | | | White 77.5% | | | |
| Other 2.6% | | | | Other 2.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.2% | 1.3% | 6.9% | AA/Black | 8.2% | 14.5% | -6.3% |
| Hispanic | 15.3% | 5.1% | 10.2% | Hispanic | 15.3% | 15.2% | 0.1% |
| White | 73.9% | 92.4% | -18.5% | White | 73.9% | 65.1% | 8.8% |
| Other | 2.6% | 1.5% | 1.1% | Other | 2.6% | 5.2% | -2.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 67 | 22.6% | 39.0% | NW | N/A | N/A | N/A |
| White | 187 | 77.4% | 61.0% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .012* sig. | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .467* sig. | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 60.0% | 4.0% | 20.0% | 16.0% | NW | 0 | N/A |
| Hispanic | 25.6% | 20.9% | 51.2% | 2.3% | White | 0 | N/A |
| White | 59.2% | 17.8% | 15.5% | 7.5% | | | |
| Other | 71.4% | 0.0% | 28.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

STOCKBRIDGE POLICE DEPARTMENT

| Total Citations ¹ : 834 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 5.9% | Citations per 1000 | |
| | Passing through: | 94.1% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 793) | | | | ITP Stops ³ (N = 313) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 45.73 | | | | 41.69 | | | |
| Gender % | | | | Gender % | | | |
| Female 45.8% | | | | Female 38.7% | | | |
| Male 54.1% | | | | Male 61.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 0.6% | | | |
| AA/Black 5.7% | | | | AA/Black 7.1% | | | |
| Hispanic 2.2% | | | | Hispanic 2.6% | | | |
| White 91.2% | | | | White 88.7% | | | |
| Other 0.9% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.7% | N/A | N/A | AA/Black | 5.7% | 14.5% | -8.8% |
| Hispanic | 2.2% | N/A | N/A | Hispanic | 2.2% | 15.2% | -13.0% |
| White | 91.2% | N/A | N/A | White | 91.2% | 65.1% | 26.1% |
| Other | 0.9% | N/A | N/A | Other | 0.9% | 5.2% | -4.3% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 61 | 7.5% | 12.7% | NW | 30 | 10.6% | 12.5% |
| White | 665 | 92.5% | 87.3% | White | 242 | 89.4% | 87.5% |
| Chi-square, X-tab ⁶ : .056 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .693 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .537 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .865 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 89.4% | 2.1% | 8.5% | 0.0% | NW | 2 | N/A |
| Hispanic | 77.8% | 11.1% | 11.1% | 0.0% | White | 0 | N/A |
| White | 93.5% | 4.0% | 2.4% | 0.1% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .129 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

STONEHAM POLICE DEPARTMENT

| Total Citations ¹ : 573 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 28.7% | Citations per 1000 | |
| | Passing through: | 71.3% | 18 + residents: | 28.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 543) | | | | ITP Stops ³ (N = 174) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.52 | | | | 42.74 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.5% | | | | Female 35.5% | | | |
| Male 59.5% | | | | Male 64.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 7.9% | | | | Race % Mis/Unk ⁴ 9.2% | | | |
| AA/Black 4.8% | | | | AA/Black 4.4% | | | |
| Hispanic 3.2% | | | | Hispanic 2.5% | | | |
| White 87.8% | | | | White 87.3% | | | |
| Other 4.2% | | | | Other 5.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.8% | 3.0% | 1.8% | AA/Black | 4.8% | 14.5% | -9.7% |
| Hispanic | 3.2% | 3.3% | -0.1% | Hispanic | 3.2% | 15.2% | -12.0% |
| White | 87.8% | 87.7% | 0.1% | White | 87.8% | 65.1% | 22.7% |
| Other | 4.2% | 5.6% | -1.4% | Other | 4.2% | 5.2% | -1.0% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 54 | 11.7% | 12.4% | NW | N/A | N/A | N/A |
| White | 401 | 88.3% | 87.6% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .873 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .822 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|-------------|-------------|----------|------------|
| AA/Black | 73.1% | 3.8% | 19.2% | 3.8% | NW | 1 | N/A |
| Hispanic | 63.2% | 0.0% | 36.8% | 0.0% | White | 2 | N/A |
| White | 83.7% | 5.2% | 10.0% | 1.1% | | | |
| Other | 90.9% | 4.5% | 4.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .027* | <i>sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

STOUGHTON POLICE DEPARTMENT

| Total Citations ¹ : 1,458 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 30.1% | Citations per 1000 | |
| | Passing through: | 69.9% | 18 + residents: | 62.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,318) | | | | ITP Stops ³ (N = 380) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.57 | | | | 39.81 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.0% | | | | Female 41.1% | | | |
| Male 62.0% | | | | Male 58.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.3% | | | | Race % Mis/Unk ⁴ 1.6% | | | |
| AA/Black 37.8% | | | | AA/Black 41.2% | | | |
| Hispanic 4.3% | | | | Hispanic 2.7% | | | |
| White 54.5% | | | | White 54.0% | | | |
| Other 3.5% | | | | Other 2.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 37.8% | 15.0% | 22.8% | AA/Black | 37.8% | 14.5% | 23.3% |
| Hispanic | 4.3% | 3.8% | 0.5% | Hispanic | 4.3% | 15.2% | -10.9% |
| White | 54.5% | 71.5% | -17.0% | White | 54.5% | 65.1% | -10.6% |
| Other | 3.5% | 8.9% | -5.4% | Other | 3.5% | 5.2% | -1.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 533 | 42.8% | 51.8% | NW | 154 | 44.4% | 44.9% |
| White | 654 | 57.2% | 48.2% | White | 192 | 55.6% | 55.1% |
| Chi-square, X-tab ⁶ : | | .009* | sig. | Chi-square, X-tab ⁶ : | | .924 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .704* | sig. | Odds ratio Exp(B) ⁷ : | | .944 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 61.6% | 17.7% | 19.7% | 0.9% | NW | 1 | N/A |
| Hispanic | 28.4% | 38.8% | 32.8% | 0.0% | White | 0 | N/A |
| White | 67.3% | 18.8% | 12.6% | 1.2% | | | |
| Other | 76.1% | 13.0% | 10.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

STOW POLICE DEPARTMENT

| Total Citations ¹ : 370 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 17.9% | Citations per 1000 | |
| | Passing through: | 82.1% | 18 + residents: | 69.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 351) | | | | ITP Stops ³ (N = 192) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.84 | | | | 39.99 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.1% | | | | Female 34.4% | | | |
| Male 62.9% | | | | Male 65.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 0.5% | | | |
| AA/Black 4.0% | | | | AA/Black 5.8% | | | |
| Hispanic 7.8% | | | | Hispanic 11.5% | | | |
| White 84.4% | | | | White 80.6% | | | |
| Other 3.7% | | | | Other 2.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.0% | 0.0% | 4.0% | AA/Black | 4.0% | 14.5% | -10.5% |
| Hispanic | 7.8% | 2.9% | 4.9% | Hispanic | 7.8% | 15.2% | -7.4% |
| White | 84.4% | 88.4% | -4.0% | White | 84.4% | 65.1% | 19.3% |
| Other | 3.7% | 5.7% | -2.0% | Other | 3.7% | 5.2% | -1.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 48 | 13.3% | 18.8% | NW | 31 | 18.5% | 19.7% |
| White | 271 | 86.7% | 81.2% | White | 132 | 81.5% | 80.3% |
| Chi-square, X-tab ⁶ : .200 not sig. | | | | Chi-square, X-tab ⁶ : .841 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .756 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.233 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 57.1% | 7.1% | 35.7% | 0.0% | NW | 0 | N/A |
| Hispanic | 53.3% | 0.0% | 46.7% | 0.0% | White | 1 | N/A |
| White | 84.7% | 3.6% | 10.4% | 1.3% | | | |
| Other | 84.6% | 15.4% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

STURBRIDGE POLICE DEPARTMENT

| Total Citations ¹ : 3,695 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 12.3% | Citations per 1000 | |
| | Passing through: | 87.7% | 18 + residents: | 514.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,607) | | | | ITP Stops ³ (N = 1,154) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.81 | | | | 37.84 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.9% | | | | Female 36.2% | | | |
| Male 60.9% | | | | Male 63.6% | | | |
| Non-binary 0.2% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 0.9% | | | |
| AA/Black 7.6% | | | | AA/Black 6.1% | | | |
| Hispanic 12.0% | | | | Hispanic 10.8% | | | |
| White 76.9% | | | | White 80.4% | | | |
| Other 3.4% | | | | Other 2.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.6% | 0.8% | 6.8% | AA/Black | 7.6% | 14.5% | -6.9% |
| Hispanic | 12.0% | 3.0% | 9.0% | Hispanic | 12.0% | 15.2% | -3.2% |
| White | 76.9% | 92.2% | -15.3% | White | 76.9% | 65.1% | 11.8% |
| Other | 3.4% | 3.4% | 0.0% | Other | 3.4% | 5.2% | -1.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 797 | 16.2% | 32.0% | NW | 198 | 18.2% | 21.7% |
| White | 2,634 | 83.8% | 68.0% | White | 809 | 81.8% | 78.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .176 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .392* sig. | | | | Odds ratio Exp(B) ⁷ : .756 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 65.8% | 13.7% | 15.8% | 4.6% | NW | 13 | N/A |
| Hispanic | 66.6% | 10.9% | 20.9% | 1.6% | White | 16 | N/A |
| White | 83.7% | 8.2% | 6.2% | 1.9% | | | |
| Other | 80.8% | 12.0% | 6.4% | 0.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SUDBURY POLICE DEPARTMENT

| Total Citations ¹ : 1,803 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 28.8% | Citations per 1000 | |
| | Passing through: | 71.2% | 18 + residents: | 127.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,743) | | | | ITP Stops ³ (N = 622) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.01 | | | | 40.53 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.3% | | | | Female 40.1% | | | |
| Male 58.7% | | | | Male 59.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 1.9% | | | |
| AA/Black 8.1% | | | | AA/Black 6.4% | | | |
| Hispanic 11.6% | | | | Hispanic 13.1% | | | |
| White 72.9% | | | | White 73.3% | | | |
| Other 7.4% | | | | Other 7.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.1% | 1.8% | 6.3% | AA/Black | 8.1% | 14.5% | -6.4% |
| Hispanic | 11.6% | 2.5% | 9.1% | Hispanic | 11.6% | 15.2% | -3.6% |
| White | 72.9% | 82.5% | -9.6% | White | 72.9% | 65.1% | 7.8% |
| Other | 7.4% | 13.3% | -5.9% | Other | 7.4% | 5.2% | 2.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 439 | 24.7% | 34.4% | NW | 149 | 26.8% | 28.4% |
| White | 1,167 | 75.3% | 65.6% | White | 397 | 73.2% | 71.6% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .685 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .614* | sig. | Odds ratio Exp(B) ⁷ : | | 1.155 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 81.3% | 4.9% | 12.5% | 1.4% | NW | 1 | N/A |
| Hispanic | 68.6% | 8.8% | 21.6% | 1.0% | White | 3 | N/A |
| White | 87.9% | 6.6% | 5.0% | 0.5% | | | |
| Other | 91.6% | 6.1% | 2.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SUNDERLAND POLICE DEPARTMENT

| Total Citations ¹ : 224 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 19.0% | Citations per 1000 | |
| | Passing through: | 81.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 210) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|------------|----------------------|-------------|----------------------------------|------------|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 35.64 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| | Female | 46.4% | | | Female | N/A | |
| | Male | 53.1% | | | Male | N/A | |
| | Non-binary | 0.4% | | | Non-binary | N/A | |
| Race | % | Mis/Unk ⁴ | 3.3% | Race | % | Mis/Unk ⁴ | N/A |
| | AA/Black | 6.4% | | | AA/Black | N/A | |
| | Hispanic | 3.9% | | | Hispanic | N/A | |
| | White | 85.2% | | | White | N/A | |
| | Other | 4.4% | | | Other | N/A | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.4% | N/A | N/A | AA/Black | 6.4% | 14.5% | -8.1% |
| Hispanic | 3.9% | N/A | N/A | Hispanic | 3.9% | 15.2% | -11.3% |
| White | 85.2% | N/A | N/A | White | 85.2% | 65.1% | 20.1% |
| Other | 4.4% | N/A | N/A | Other | 4.4% | 5.2% | -0.8% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | N/A | N/A | | Chi-square, X-tab ⁶ : | N/A | N/A | |
| Odds ratio Exp(B) ⁷ : | N/A | N/A | | Odds ratio Exp(B) ⁷ : | N/A | N/A | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 75.0% | 6.3% | 18.8% | 0.0% | NW | 3 | N/A |
| Hispanic | 50.0% | 0.0% | 50.0% | 0.0% | White | 2 | N/A |
| White | 64.1% | 17.1% | 14.9% | 3.9% | | | |
| Other | 33.3% | 55.6% | 11.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | .012 * | sig. | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SUTTON POLICE DEPARTMENT

| Total Citations ¹ : 784 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 9.4% | Citations per 1000 | |
| | Passing through: | 90.6% | 18 + residents: | 107.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 725) | | | | ITP Stops ³ (N = 221) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.01 | | | | 36.96 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.0% | | | | Female 25.7% | | | |
| Male 69.7% | | | | Male 74.3% | | | |
| Non-binary 0.3% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.6% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 11.6% | | | | AA/Black 11.1% | | | |
| Hispanic 10.3% | | | | Hispanic 7.4% | | | |
| White 76.5% | | | | White 80.2% | | | |
| Other 1.6% | | | | Other 1.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.6% | 2.2% | 9.4% | AA/Black | 11.6% | 14.5% | -2.9% |
| Hispanic | 10.3% | 1.6% | 8.7% | Hispanic | 10.3% | 15.2% | -4.9% |
| White | 76.5% | 92.3% | -15.8% | White | 76.5% | 65.1% | 11.4% |
| Other | 1.6% | 3.8% | -2.2% | Other | 1.6% | 5.2% | -3.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 151 | 23.1% | 24.5% | NW | 35 | 20.2% | 17.1% |
| White | 490 | 76.9% | 75.5% | White | 150 | 79.8% | 82.9% |
| Chi-square, X-tab ⁶ : .698 not sig. | | | | Chi-square, X-tab ⁶ : .599 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .901 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.223 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 16.5% | 23.1% | 52.7% | 7.7% | NW | 0 | N/A |
| Hispanic | 27.3% | 7.8% | 59.7% | 5.2% | White | 4 | N/A |
| White | 46.1% | 24.9% | 24.2% | 4.8% | | | |
| Other | 35.7% | 21.4% | 28.6% | 14.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SWAMPSCOTT POLICE DEPARTMENT

| Total Citations ¹ : 1,475 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 21.2% | Citations per 1000 | |
| | Passing through: | 78.8% | 18 + residents: | 123.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,442) | | | | ITP Stops ³ (N = 399) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 42.18 | | | | 39.83 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.3% | | | | Female 41.7% | | | |
| Male 56.6% | | | | Male 58.1% | | | |
| Non-binary 0.1% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ 3.5% | | | |
| AA/Black 10.5% | | | | AA/Black 12.5% | | | |
| Hispanic 20.7% | | | | Hispanic 19.7% | | | |
| White 64.0% | | | | White 63.4% | | | |
| Other 4.7% | | | | Other 4.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.5% | 1.5% | 9.0% | AA/Black | 10.5% | 14.5% | -4.0% |
| Hispanic | 20.7% | 2.5% | 18.2% | Hispanic | 20.7% | 15.2% | 5.5% |
| White | 64.0% | 91.7% | -27.7% | White | 64.0% | 65.1% | -1.1% |
| Other | 4.7% | 4.3% | 0.4% | Other | 4.7% | 5.2% | -0.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 487 | 29.5% | 49.9% | NW | 118 | 38.2% | 30.9% |
| White | 872 | 70.5% | 50.1% | White | 209 | 61.8% | 69.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .211 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .429* sig. | | | | Odds ratio Exp(B) ⁷ : 1.497 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 86.0% | 6.0% | 6.7% | 1.3% | NW | 0 | N/A |
| Hispanic | 73.0% | 8.7% | 13.5% | 4.8% | White | 0 | N/A |
| White | 87.3% | 7.7% | 4.0% | 1.0% | | | |
| Other | 94.0% | 4.5% | 1.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

SWANSEA POLICE DEPARTMENT

| Total Citations ¹ : 1,501 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 27.3% | Citations per 1000 | |
| | Passing through: | 72.7% | 18 + residents: | 108.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,248) | | | | ITP Stops ³ (N = 374) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.89 | | | | 39.58 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.8% | | | | Female 35.3% | | | |
| Male 59.2% | | | | Male 64.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.7% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 4.0% | | | | AA/Black 2.4% | | | |
| Hispanic 2.3% | | | | Hispanic 2.7% | | | |
| White 92.3% | | | | White 93.3% | | | |
| Other 1.5% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.0% | 0.2% | 3.8% | AA/Black | 4.0% | 14.5% | -10.5% |
| Hispanic | 2.3% | 0.5% | 1.8% | Hispanic | 2.3% | 15.2% | -12.9% |
| White | 92.3% | 96.4% | -4.1% | White | 92.3% | 65.1% | 27.2% |
| Other | 1.5% | 2.8% | -1.3% | Other | 1.5% | 5.2% | -3.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 86 | 6.2% | 9.2% | NW | 18 | 4.1% | 6.5% |
| White | 1,103 | 93.8% | 90.8% | White | 315 | 95.9% | 93.5% |
| Chi-square, X-tab ⁶ : | | .061 | not sig. | Chi-square, X-tab ⁶ : | | .342 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .552* | sig. | Odds ratio Exp(B) ⁷ : | | .429 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 79.1% | 3.0% | 17.9% | 0.0% | NW | 0 | N/A |
| Hispanic | 60.0% | 5.7% | 34.3% | 0.0% | White | 1 | N/A |
| White | 88.1% | 5.0% | 5.6% | 1.2% | | | |
| Other | 78.3% | 8.7% | 13.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

TAUNTON POLICE DEPARTMENT

| Total Citations ¹ : 742 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 51.2% | Citations per 1000 | |
| | Passing through: | 48.8% | 18 + residents: | 16.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 576) | | | | ITP Stops ³ (N = 164) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.56 | | | | 37.54 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.0% | | | | Female 40.6% | | | |
| Male 61.8% | | | | Male 59.4% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.6% | | | | Race % Mis/Unk ⁴ 3.7% | | | |
| AA/Black 22.2% | | | | AA/Black 18.4% | | | |
| Hispanic 2.5% | | | | Hispanic 1.3% | | | |
| White 74.6% | | | | White 79.7% | | | |
| Other 0.7% | | | | Other 0.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 22.2% | 8.8% | 13.4% | AA/Black | 22.2% | 14.5% | 7.7% |
| Hispanic | 2.5% | 9.0% | -6.5% | Hispanic | 2.5% | 15.2% | -12.7% |
| White | 74.6% | 75.0% | -0.4% | White | 74.6% | 65.1% | 9.5% |
| Other | 0.7% | 5.9% | -5.2% | Other | 0.7% | 5.2% | -4.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 122 | 25.5% | 23.0% | NW | 26 | 20.4% | 13.0% |
| White | 374 | 74.5% | 77.0% | White | 118 | 79.6% | 87.0% |
| Chi-square, X-tab ⁶ : .545 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .284 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : 1.368 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .787 <i>not sig.</i> | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 48.2% | 17.7% | 29.3% | 4.9% | NW | 6 | N/A |
| Hispanic | 47.4% | 10.5% | 36.8% | 5.3% | White | 6 | N/A |
| White | 57.3% | 14.5% | 24.2% | 4.0% | | | |
| Other | 50.0% | 16.7% | 33.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .736 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

TEMPLETON POLICE DEPARTMENT

| Total Citations ¹ : 518 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 11.6% | Citations per 1000 | |
| | Passing through: | 88.4% | 18 + residents: | 79.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 501) | | | | ITP Stops ³ (N = 213) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.2 | | | | 36.2 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.0% | | | | Female 30.5% | | | |
| Male 61.0% | | | | Male 69.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ 3.8% | | | |
| AA/Black 4.3% | | | | AA/Black 4.4% | | | |
| Hispanic 2.7% | | | | Hispanic 1.5% | | | |
| White 92.6% | | | | White 94.1% | | | |
| Other 0.4% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.3% | 0.0% | 4.3% | AA/Black | 4.3% | 14.5% | -10.2% |
| Hispanic | 2.7% | 2.9% | -0.2% | Hispanic | 2.7% | 15.2% | -12.5% |
| White | 92.6% | 94.6% | -2.0% | White | 92.6% | 65.1% | 27.5% |
| Other | 0.4% | 2.5% | -2.1% | Other | 0.4% | 5.2% | -4.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 35 | 8.0% | 6.2% | NW | N/A | N/A | N/A |
| White | 434 | 92.0% | 93.8% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .489 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | 1.509 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 52.2% | 8.7% | 39.1% | 0.0% | NW | 0 | N/A |
| Hispanic | 50.0% | 21.4% | 28.6% | 0.0% | White | 0 | N/A |
| White | 64.4% | 22.9% | 10.2% | 2.6% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .005 * | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

TEWKSBURY POLICE DEPARTMENT

| Total Citations ¹ : 3,637 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 27.1% | Citations per 1000 | |
| | Passing through: | 72.9% | 18 + residents: | 144.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,435) | | | | ITP Stops ³ (N = 548) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.39 | | | | 38.82 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.1% | | | | Female 36.7% | | | |
| Male 58.8% | | | | Male 63.1% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 0.4% | | | | Race % Mis/Unk ⁴ 0.4% | | | |
| AA/Black 9.8% | | | | AA/Black 12.8% | | | |
| Hispanic 15.3% | | | | Hispanic 14.8% | | | |
| White 69.0% | | | | White 66.7% | | | |
| Other 5.9% | | | | Other 5.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.8% | 2.4% | 7.4% | AA/Black | 9.8% | 14.5% | -4.7% |
| Hispanic | 15.3% | 2.2% | 13.1% | Hispanic | 15.3% | 15.2% | 0.1% |
| White | 69.0% | 90.1% | -21.1% | White | 69.0% | 65.1% | 3.9% |
| Other | 5.9% | 5.2% | 0.7% | Other | 5.9% | 5.2% | 0.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,024 | 28.1% | 40.1% | NW | 158 | 33.5% | 32.6% |
| White | 2,284 | 71.9% | 59.9% | White | 320 | 66.5% | 67.4% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .847 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .585* sig. | | | | Odds ratio Exp(B) ⁷ : 1.122 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 82.5% | 3.9% | 8.4% | 5.3% | NW | 9 | N/A |
| Hispanic | 79.1% | 5.9% | 11.0% | 4.0% | White | 17 | N/A |
| White | 86.4% | 5.7% | 4.8% | 3.2% | | | |
| Other | 91.0% | 6.2% | 1.9% | 1.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

TISBURY POLICE DEPARTMENT

| Total Citations ¹ : 179 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 38.9% | Citations per 1000 | |
| | Passing through: | 61.1% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 113) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.15 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 24.3% | | | | Female N/A | | | |
| Male 74.8% | | | | Male N/A | | | |
| Non-binary 0.9% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 3.5% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 11.0% | | | | AA/Black N/A | | | |
| Hispanic 0.0% | | | | Hispanic N/A | | | |
| White 88.1% | | | | White N/A | | | |
| Other 0.9% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.0% | N/A | N/A | AA/Black | 11.0% | 14.5% | -3.5% |
| Hispanic | 0.0% | N/A | N/A | Hispanic | 0.0% | 15.2% | -15.2% |
| White | 88.1% | N/A | N/A | White | 88.1% | 65.1% | 23.0% |
| Other | 0.9% | N/A | N/A | Other | 0.9% | 5.2% | -4.3% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|--------------|-------------|----------|----------|------------|
| AA/Black | 36.8% | 21.1% | 42.1% | 0.0% | NW | 0 | N/A |
| Hispanic | 0.0% | 0.0% | 0.0% | 0.0% | White | 0 | N/A |
| White | 37.9% | 11.1% | 41.8% | 9.2% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .575 | not sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

TOLLAND POLICE DEPARTMENT

| Total Citations ¹ : 184 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 5.4% | Citations per 1000 | |
| | Passing through: | 94.6% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 184) | | | | ITP Stops ³ (N = N/A) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.77 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 29.8% | | | | Female N/A | | | |
| Male 70.2% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 10.9% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 1.8% | | | | AA/Black N/A | | | |
| Hispanic 1.2% | | | | Hispanic N/A | | | |
| White 93.3% | | | | White N/A | | | |
| Other 3.7% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 1.8% | N/A | N/A | AA/Black | 1.8% | 14.5% | -12.7% |
| Hispanic | 1.2% | N/A | N/A | Hispanic | 1.2% | 15.2% | -14.0% |
| White | 93.3% | N/A | N/A | White | 93.3% | 65.1% | 28.2% |
| Other | 3.7% | N/A | N/A | Other | 3.7% | 5.2% | -1.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|---------------|--------------|-------------|-------|----------|------------|
| AA/Black | 66.7% | 0.0% | 33.3% | 0.0% | NW | 0 | N/A |
| Hispanic | 0.0% | 100.0% | 0.0% | 0.0% | White | 0 | N/A |
| White | 54.2% | 35.3% | 10.5% | 0.0% | | | |
| Other | 16.7% | 66.7% | 16.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .154 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

TOPSFIELD POLICE DEPARTMENT

| Total Citations ¹ : 509 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 8.6% | Citations per 1000 | |
| | Passing through: | 91.4% | 18 + residents: | 103.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 498) | | | | ITP Stops ³ (N = 111) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.16 | | | | 37.83 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.6% | | | | Female 21.9% | | | |
| Male 67.4% | | | | Male 78.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 0.9% | | | |
| AA/Black 3.7% | | | | AA/Black 1.8% | | | |
| Hispanic 16.3% | | | | Hispanic 26.4% | | | |
| White 78.2% | | | | White 70.0% | | | |
| Other 1.8% | | | | Other 1.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.7% | 0.1% | 3.6% | AA/Black | 3.7% | 14.5% | -10.8% |
| Hispanic | 16.3% | 1.7% | 14.6% | Hispanic | 16.3% | 15.2% | 1.1% |
| White | 78.2% | 94.8% | -16.6% | White | 78.2% | 65.1% | 13.1% |
| Other | 1.8% | 3.4% | -1.6% | Other | 1.8% | 5.2% | -3.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 102 | 20.1% | 26.8% | NW | 28 | 38.8% | 19.6% |
| White | 368 | 79.9% | 73.2% | White | 67 | 61.2% | 80.4% |
| Chi-square, X-tab ⁶ : .135 not sig. | | | | Chi-square, X-tab ⁶ : .040* sig. | | | |
| Odds ratio Exp(B) ⁷ : .734 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.261 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 61.1% | 5.6% | 33.3% | 0.0% | NW | 0 | N/A |
| Hispanic | 31.3% | 6.0% | 57.8% | 4.8% | White | 0 | N/A |
| White | 73.4% | 10.5% | 11.5% | 4.6% | | | |
| Other | 55.6% | 11.1% | 33.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

TOWNSEND POLICE DEPARTMENT

| Total Citations ¹ : 156 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 54.3% | Citations per 1000 | |
| | Passing through: | 45.7% | 18 + residents: | 9.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 127) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.07 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 27.8% | | | | Female N/A | | | |
| Male 72.2% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 5.5% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 4.2% | | | | AA/Black N/A | | | |
| Hispanic 9.2% | | | | Hispanic N/A | | | |
| White 85.0% | | | | White N/A | | | |
| Other 1.7% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.2% | 1.6% | 2.6% | AA/Black | 4.2% | 14.5% | -10.3% |
| Hispanic | 9.2% | 5.0% | 4.2% | Hispanic | 9.2% | 15.2% | -6.0% |
| White | 85.0% | 91.1% | -6.1% | White | 85.0% | 65.1% | 19.9% |
| Other | 1.7% | 2.3% | -0.6% | Other | 1.7% | 5.2% | -3.5% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|----|--------------|-----------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 16 | 12.6% | 19.2% | NW | N/A | N/A | N/A |
| White | 97 | 87.4% | 80.8% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .398 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .658 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|--------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 50.0% | 0.0% | 33.3% | 16.7% | NW | 0 | N/A |
| Hispanic | 25.0% | 10.0% | 60.0% | 5.0% | White | 0 | N/A |
| White | 53.0% | 20.5% | 23.1% | 3.4% | | | |
| Other | 0.0% | 33.3% | 66.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .027* | <i>sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

TRURO POLICE DEPARTMENT

| Total Citations ¹ : 318 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 7.4% | Citations per 1000 | |
| | Passing through: | 92.6% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 302) | | | | ITP Stops ³ (N = 123) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.1 | | | | 37.79 | | | |
| Gender % | | | | Gender % | | | |
| Female 26.3% | | | | Female 21.1% | | | |
| Male 73.7% | | | | Male 78.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 18.0% | | | | AA/Black 16.3% | | | |
| Hispanic 4.4% | | | | Hispanic 5.7% | | | |
| White 72.9% | | | | White 72.4% | | | |
| Other 4.7% | | | | Other 5.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 18.0% | N/A | N/A | AA/Black | 18.0% | 14.5% | 3.5% |
| Hispanic | 4.4% | N/A | N/A | Hispanic | 4.4% | 15.2% | -10.8% |
| White | 72.9% | N/A | N/A | White | 72.9% | 65.1% | 7.8% |
| Other | 4.7% | N/A | N/A | Other | 4.7% | 5.2% | -0.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 73 | 23.5% | 33.7% | NW | 30 | 24.1% | 37.0% |
| White | 199 | 76.5% | 66.3% | White | 80 | 75.9% | 63.0% |
| Chi-square, X-tab ⁶ : | | .075 | not sig. | Chi-square, X-tab ⁶ : | | .190 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .599 | not sig. | Odds ratio Exp(B) ⁷ : | | .798 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 52.8% | 22.6% | 22.6% | 1.9% | NW | 0 | N/A |
| Hispanic | 38.5% | 23.1% | 38.5% | 0.0% | White | 2 | N/A |
| White | 43.7% | 30.7% | 22.9% | 2.6% | | | |
| Other | 71.4% | 14.3% | 14.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .570 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

TYNGBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 844 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 19.8% | Citations per 1000 | |
| | Passing through: | 80.2% | 18 + residents: | 83.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 809) | | | | ITP Stops ³ (N = 383) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.59 | | | | 38.49 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.0% | | | | Female 32.8% | | | |
| Male 64.0% | | | | Male 67.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 6.8% | | | | AA/Black 7.7% | | | |
| Hispanic 8.0% | | | | Hispanic 6.1% | | | |
| White 75.5% | | | | White 75.7% | | | |
| Other 9.7% | | | | Other 10.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.8% | 0.9% | 5.9% | AA/Black | 6.8% | 14.5% | -7.7% |
| Hispanic | 8.0% | 4.5% | 3.5% | Hispanic | 8.0% | 15.2% | -7.2% |
| White | 75.5% | 83.6% | -8.1% | White | 75.5% | 65.1% | 10.4% |
| Other | 9.7% | 10.9% | -1.2% | Other | 9.7% | 5.2% | 4.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 178 | 22.4% | 27.3% | NW | 77 | 19.9% | 27.2% |
| White | 543 | 77.6% | 72.7% | White | 256 | 80.1% | 72.8% |
| Chi-square, X-tab ⁶ : .128 not sig. | | | | Chi-square, X-tab ⁶ : .116 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .812 not sig. | | | | Odds ratio Exp(B) ⁷ : .682 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 85.5% | 9.1% | 3.6% | 1.8% | NW | 0 | N/A |
| Hispanic | 65.6% | 7.8% | 23.4% | 3.1% | White | 6 | N/A |
| White | 82.9% | 5.7% | 9.0% | 2.4% | | | |
| Other | 89.6% | 3.9% | 6.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .007* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

UPTON POLICE DEPARTMENT

| Total Citations ¹ : 1,010 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 12.2% | Citations per 1000 | |
| | Passing through: | 87.8% | 18 + residents: | 166.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 974) | | | | ITP Stops ³ (N = 430) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.13 | | | | 36.83 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.9% | | | | Female 36.2% | | | |
| Male 61.1% | | | | Male 63.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 4.0% | | | | AA/Black 4.0% | | | |
| Hispanic 12.9% | | | | Hispanic 14.4% | | | |
| White 76.8% | | | | White 75.5% | | | |
| Other 6.3% | | | | Other 6.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.0% | 7.6% | -3.6% | AA/Black | 4.0% | 14.5% | -10.5% |
| Hispanic | 12.9% | 3.6% | 9.3% | Hispanic | 12.9% | 15.2% | -2.3% |
| White | 76.8% | 80.2% | -3.4% | White | 76.8% | 65.1% | 11.7% |
| Other | 6.3% | 9.4% | -3.1% | Other | 6.3% | 5.2% | 1.1% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 203 | 18.3% | 27.4% | NW | 84 | 21.9% | 23.8% |
| White | 699 | 81.7% | 72.6% | White | 284 | 78.1% | 76.2% |
| Chi-square, X-tab ⁶ : .001* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .665 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .620* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .761 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 65.0% | 22.5% | 12.5% | 0.0% | NW | 1 | N/A |
| Hispanic | 42.4% | 19.7% | 33.3% | 4.5% | White | 2 | N/A |
| White | 72.4% | 17.2% | 9.3% | 1.0% | | | |
| Other | 77.8% | 19.0% | 3.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

UXBRIDGE POLICE DEPARTMENT

| Total Citations ¹ : 838 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 32.9% | Citations per 1000 | |
| | Passing through: | 67.1% | 18 + residents: | 75.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 809) | | | | ITP Stops ³ (N = 356) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.15 | | | | 37.24 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.3% | | | | Female 39.5% | | | |
| Male 60.7% | | | | Male 60.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 5.0% | | | | AA/Black 4.2% | | | |
| Hispanic 8.1% | | | | Hispanic 6.3% | | | |
| White 85.5% | | | | White 88.3% | | | |
| Other 1.5% | | | | Other 1.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.0% | 1.9% | 3.1% | AA/Black | 5.0% | 14.5% | -9.5% |
| Hispanic | 8.1% | 1.7% | 6.4% | Hispanic | 8.1% | 15.2% | -7.1% |
| White | 85.5% | 94.9% | -9.4% | White | 85.5% | 65.1% | 20.4% |
| Other | 1.5% | 1.4% | 0.1% | Other | 1.5% | 5.2% | -3.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 101 | 12.2% | 22.4% | NW | 34 | 9.4% | 18.6% |
| White | 613 | 87.8% | 77.6% | White | 270 | 90.6% | 81.4% |
| Chi-square, X-tab ⁶ : .002* sig. | | | | Chi-square, X-tab ⁶ : .043* sig. | | | |
| Odds ratio Exp(B) ⁷ : .573* sig. | | | | Odds ratio Exp(B) ⁷ : .455 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 55.3% | 10.5% | 34.2% | 0.0% | NW | 0 | N/A |
| Hispanic | 43.8% | 7.8% | 48.4% | 0.0% | White | 2 | N/A |
| White | 72.5% | 14.0% | 10.9% | 2.6% | | | |
| Other | 63.6% | 18.2% | 18.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WAKEFIELD POLICE DEPARTMENT

| Total Citations ¹ : 1,171 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 34.6% | Citations per 1000 | |
| | Passing through: | 65.4% | 18 + residents: | 53.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,059) | | | | ITP Stops ³ (N = 573) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.47 | | | | 39.44 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.7% | | | | Female 37.8% | | | |
| Male 60.3% | | | | Male 62.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.6% | | | | Race % Mis/Unk ⁴ 2.6% | | | |
| AA/Black 4.6% | | | | AA/Black 4.1% | | | |
| Hispanic 3.1% | | | | Hispanic 3.9% | | | |
| White 88.7% | | | | White 88.4% | | | |
| Other 3.6% | | | | Other 3.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.6% | 1.8% | 2.8% | AA/Black | 4.6% | 14.5% | -9.9% |
| Hispanic | 3.1% | 3.5% | -0.4% | Hispanic | 3.1% | 15.2% | -12.1% |
| White | 88.7% | 91.0% | -2.3% | White | 88.7% | 65.1% | 23.6% |
| Other | 3.6% | 3.8% | -0.2% | Other | 3.6% | 5.2% | -1.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 112 | 9.6% | 16.5% | NW | 62 | 10.3% | 18.1% |
| White | 869 | 90.4% | 83.5% | White | 467 | 89.7% | 81.9% |
| Chi-square, X-tab ⁶ : .002* sig. | | | | Chi-square, X-tab ⁶ : .034* sig. | | | |
| Odds ratio Exp(B) ⁷ : .608* sig. | | | | Odds ratio Exp(B) ⁷ : .536 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 78.0% | 3.4% | 16.9% | 1.7% | NW | 0 | N/A |
| Hispanic | 64.1% | 12.8% | 23.1% | 0.0% | White | 1 | N/A |
| White | 87.5% | 6.4% | 3.6% | 2.5% | | | |
| Other | 80.0% | 20.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WALES POLICE DEPARTMENT

| Total Citations ¹ : 166 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 34.5% | Citations per 1000 | |
| | Passing through: | 65.5% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 165) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|---|----------------------|-------------|----------------------------------|---|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 40.89 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| Female | | 35.2% | | Female | | N/A | |
| Male | | 64.8% | | Male | | N/A | |
| Non-binary | | 0.0% | | Non-binary | | N/A | |
| Race | % | Mis/Unk ⁴ | 1.2% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | | 3.7% | | AA/Black | | N/A | |
| Hispanic | | 4.3% | | Hispanic | | N/A | |
| White | | 92.0% | | White | | N/A | |
| Other | | 0.0% | | Other | | N/A | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.7% | N/A | N/A | AA/Black | 3.7% | 14.5% | -10.8% |
| Hispanic | 4.3% | N/A | N/A | Hispanic | 4.3% | 15.2% | -10.9% |
| White | 92.0% | N/A | N/A | White | 92.0% | 65.1% | 26.9% |
| Other | 0.0% | N/A | N/A | Other | 0.0% | 5.2% | -5.2% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | N/A | N/A | | Chi-square, X-tab ⁶ : | N/A | N/A | |
| Odds ratio Exp(B) ⁷ : | N/A | N/A | | Odds ratio Exp(B) ⁷ : | N/A | N/A | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 50.0% | 16.7% | 33.3% | 0.0% | NW | 2 | N/A |
| Hispanic | 42.9% | 42.9% | 14.3% | 0.0% | White | 5 | N/A |
| White | 66.2% | 27.2% | 6.0% | 0.7% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | .230 | not sig. | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WALPOLE POLICE DEPARTMENT

| Total Citations ¹ : 3,514 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 25.2% | Citations per 1000 | |
| | Passing through: | 74.8% | 18 + residents: | 187.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,464) | | | | ITP Stops ³ (N = 1,235) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.85 | | | | 40.85 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.4% | | | | Female 38.7% | | | |
| Male 57.5% | | | | Male 61.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 8.7% | | | | AA/Black 9.2% | | | |
| Hispanic 7.0% | | | | Hispanic 6.8% | | | |
| White 79.8% | | | | White 78.6% | | | |
| Other 4.6% | | | | Other 5.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.7% | 2.1% | 6.6% | AA/Black | 8.7% | 14.5% | -5.8% |
| Hispanic | 7.0% | 7.9% | -0.9% | Hispanic | 7.0% | 15.2% | -8.2% |
| White | 79.8% | 82.2% | -2.4% | White | 79.8% | 65.1% | 14.7% |
| Other | 4.6% | 7.0% | -2.4% | Other | 4.6% | 5.2% | -0.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 652 | 17.2% | 28.0% | NW | 224 | 20.1% | 22.1% |
| White | 2,602 | 82.8% | 72.0% | White | 858 | 79.9% | 77.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .466 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .532* sig. | | | | Odds ratio Exp(B) ⁷ : .895 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|-------------|-------------|-------|----------|------------|
| AA/Black | 85.9% | 3.3% | 7.2% | 3.6% | NW | 0 | N/A |
| Hispanic | 84.5% | 2.8% | 9.6% | 3.2% | White | 5 | N/A |
| White | 95.2% | 1.3% | 2.7% | 0.8% | | | |
| Other | 94.3% | 3.2% | 1.9% | 0.6% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WALTHAM POLICE DEPARTMENT

| Total Citations ¹ : 3,916 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 39.3% | Citations per 1000 | |
| | Passing through: | 60.7% | 18 + residents: | 72.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,329) | | | | ITP Stops ³ (N = 1,268) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.42 | | | | 39.46 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.9% | | | | Female 39.3% | | | |
| Male 59.0% | | | | Male 60.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ 1.9% | | | |
| AA/Black 12.4% | | | | AA/Black 12.3% | | | |
| Hispanic 8.7% | | | | Hispanic 8.8% | | | |
| White 71.0% | | | | White 70.3% | | | |
| Other 7.9% | | | | Other 8.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.4% | 7.1% | 5.3% | AA/Black | 12.4% | 14.5% | -2.1% |
| Hispanic | 8.7% | 13.6% | -4.9% | Hispanic | 8.7% | 15.2% | -6.5% |
| White | 71.0% | 65.9% | 5.1% | White | 71.0% | 65.1% | 5.9% |
| Other | 7.9% | 15.9% | -8.0% | Other | 7.9% | 5.2% | 2.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 902 | 27.2% | 40.8% | NW | 351 | 28.2% | 37.7% |
| White | 2,209 | 72.8% | 59.2% | White | 818 | 71.8% | 62.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .006* sig. | | | |
| Odds ratio Exp(B) ⁷ : .521* sig. | | | | Odds ratio Exp(B) ⁷ : .544* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 81.1% | 7.3% | 10.7% | 0.8% | NW | 7 | N/A |
| Hispanic | 66.0% | 12.0% | 19.2% | 2.8% | White | 6 | N/A |
| White | 87.2% | 6.9% | 5.3% | 0.6% | | | |
| Other | 88.3% | 7.9% | 3.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WARE POLICE DEPARTMENT

| Total Citations ¹ : 308 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 46.3% | Citations per 1000 | |
| | Passing through: | 53.7% | 18 + residents: | 39.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 283) | | | | ITP Stops ³ (N = 114) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.75 | | | | 36.99 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.8% | | | | Female 40.4% | | | |
| Male 66.2% | | | | Male 59.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 8.5% | | | | Race % Mis/Unk ⁴ 7.0% | | | |
| AA/Black 10.8% | | | | AA/Black 13.2% | | | |
| Hispanic 6.6% | | | | Hispanic 2.8% | | | |
| White 82.6% | | | | White 84.0% | | | |
| Other 0.0% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.8% | 1.3% | 9.5% | AA/Black | 10.8% | 14.5% | -3.7% |
| Hispanic | 6.6% | 7.7% | -1.1% | Hispanic | 6.6% | 15.2% | -8.6% |
| White | 82.6% | 89.3% | -6.7% | White | 82.6% | 65.1% | 17.5% |
| Other | 0.0% | 2.6% | -2.6% | Other | 0.0% | 5.2% | -5.2% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 43 | 14.7% | 20.5% | NW | 15 | 9.4% | 22.7% |
| White | 200 | 85.3% | 79.5% | White | 82 | 90.6% | 77.3% |
| Chi-square, X-tab ⁶ : | | .235 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .071 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .623 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .195* | <i>sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-----------------|----------|------------|
| AA/Black | 24.1% | 24.1% | 37.9% | 13.8% | NW | 0 | N/A |
| Hispanic | 5.9% | 11.8% | 58.8% | 23.5% | White | 1 | N/A |
| White | 27.8% | 21.9% | 30.4% | 19.8% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .195 | <i>not sig.</i> | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WAREHAM POLICE DEPARTMENT

| Total Citations ¹ : 601 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 18.6% | Citations per 1000 | |
| | Passing through: | 81.4% | 18 + residents: | 32.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 512) | | | | ITP Stops ³ (N = 155) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.87 | | | | 37.06 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.3% | | | | Female 36.1% | | | |
| Male 63.7% | | | | Male 63.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.0% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 16.8% | | | | AA/Black 14.4% | | | |
| Hispanic 1.8% | | | | Hispanic 2.0% | | | |
| White 81.3% | | | | White 83.7% | | | |
| Other 0.2% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 16.8% | 2.7% | 14.1% | AA/Black | 16.8% | 14.5% | 2.3% |
| Hispanic | 1.8% | 3.6% | -1.8% | Hispanic | 1.8% | 15.2% | -13.4% |
| White | 81.3% | 84.5% | -3.2% | White | 81.3% | 65.1% | 16.2% |
| Other | 0.2% | 6.3% | -6.1% | Other | 0.2% | 5.2% | -5.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 89 | 17.6% | 21.8% | NW | 22 | 18.7% | 10.6% |
| White | 382 | 82.4% | 78.2% | White | 116 | 81.3% | 89.4% |
| Chi-square, X-tab ⁶ : .285 not sig. | | | | Chi-square, X-tab ⁶ : .221 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .724 not sig. | | | | Odds ratio Exp(B) ⁷ : .929 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|---------------|--------------|-------|-----------|------------|
| AA/Black | 45.7% | 13.8% | 31.9% | 8.5% | NW | 6 | N/A |
| Hispanic | 27.3% | 18.2% | 45.5% | 9.1% | White | 11 | N/A |
| White | 49.2% | 10.2% | 30.7% | 10.0% | | | |
| Other | 0.0% | 0.0% | 100.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .753 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WARREN POLICE DEPARTMENT

| Total Citations ¹ : 1,036 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 21.2% | Citations per 1000 | |
| | Passing through: | 78.8% | 18 + residents: | 256.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,022) | | | | ITP Stops ³ (N = 494) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.47 | | | | 35.13 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.7% | | | | Female 35.0% | | | |
| Male 62.3% | | | | Male 65.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 2.0% | | | |
| AA/Black 5.3% | | | | AA/Black 5.8% | | | |
| Hispanic 5.3% | | | | Hispanic 6.8% | | | |
| White 88.9% | | | | White 87.4% | | | |
| Other 0.5% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.3% | 0.6% | 4.7% | AA/Black | 5.3% | 14.5% | -9.2% |
| Hispanic | 5.3% | 1.2% | 4.1% | Hispanic | 5.3% | 15.2% | -9.9% |
| White | 88.9% | 95.6% | -6.7% | White | 88.9% | 65.1% | 23.8% |
| Other | 0.5% | 2.5% | -2.0% | Other | 0.5% | 5.2% | -4.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 103 | 9.5% | 13.8% | NW | 54 | 11.6% | 14.0% |
| White | 809 | 90.5% | 86.2% | White | 373 | 88.4% | 86.0% |
| Chi-square, X-tab ⁶ : .043* sig. | | | | Chi-square, X-tab ⁶ : .467 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .729 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.146 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 83.3% | 5.6% | 11.1% | 0.0% | NW | 0 | N/A |
| Hispanic | 74.1% | 16.7% | 9.3% | 0.0% | White | 3 | N/A |
| White | 82.2% | 9.0% | 7.7% | 1.1% | | | |
| Other | 80.0% | 0.0% | 0.0% | 20.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .004* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WATERTOWN POLICE DEPARTMENT

| Total Citations ¹ : 2,121 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 18.1% | Citations per 1000 | |
| | Passing through: | 81.9% | 18 + residents: | 69.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,969) | | | | ITP Stops ³ (N = 1,130) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.9 | | | | 39.83 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.0% | | | | Female 36.0% | | | |
| Male 63.9% | | | | Male 63.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 3.6% | | | | Race % Mis/Unk ⁴ 0.6% | | | |
| AA/Black 14.4% | | | | AA/Black 14.9% | | | |
| Hispanic 13.6% | | | | Hispanic 12.8% | | | |
| White 59.0% | | | | White 59.4% | | | |
| Other 13.0% | | | | Other 12.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.4% | 1.6% | 12.8% | AA/Black | 14.4% | 14.5% | -0.1% |
| Hispanic | 13.6% | 9.2% | 4.4% | Hispanic | 13.6% | 15.2% | -1.6% |
| White | 59.0% | 76.4% | -17.4% | White | 59.0% | 65.1% | -6.1% |
| Other | 13.0% | 12.7% | 0.3% | Other | 13.0% | 5.2% | 7.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 719 | 39.4% | 44.5% | NW | 403 | 41.4% | 37.6% |
| White | 1,044 | 60.6% | 55.5% | White | 602 | 58.6% | 62.4% |
| Chi-square, X-tab ⁶ : | | .054 | not sig. | Chi-square, X-tab ⁶ : | | .245 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .880 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.288 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 46.4% | 40.9% | 11.3% | 1.4% | NW | 0 | N/A |
| Hispanic | 38.7% | 44.3% | 14.2% | 2.8% | White | 0 | N/A |
| White | 53.9% | 38.7% | 6.1% | 1.3% | | | |
| Other | 47.7% | 47.3% | 5.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WAYLAND POLICE DEPARTMENT

| Total Citations ¹ : 706 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 22.2% | Citations per 1000 | |
| | Passing through: | 77.8% | 18 + residents: | 69.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 643) | | | | ITP Stops ³ (N = 217) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.13 | | | | 39.53 | | | |
| Gender % | | | | Gender % | | | |
| Female 49.4% | | | | Female 42.7% | | | |
| Male 50.5% | | | | Male 57.3% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 5.8% | | | | Race % Mis/Unk ⁴ 9.7% | | | |
| AA/Black 2.5% | | | | AA/Black 4.1% | | | |
| Hispanic 13.9% | | | | Hispanic 21.9% | | | |
| White 72.6% | | | | White 62.2% | | | |
| Other 11.1% | | | | Other 11.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.5% | 0.7% | 1.8% | AA/Black | 2.5% | 14.5% | -12.0% |
| Hispanic | 13.9% | 4.8% | 9.1% | Hispanic | 13.9% | 15.2% | -1.3% |
| White | 72.6% | 79.6% | -7.0% | White | 72.6% | 65.1% | 7.5% |
| Other | 11.1% | 15.0% | -3.9% | Other | 11.1% | 5.2% | 5.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 155 | 23.9% | 45.2% | NW | 63 | 31.8% | 48.9% |
| White | 428 | 76.1% | 54.8% | White | 111 | 68.2% | 51.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .040* sig. | | | |
| Odds ratio Exp(B) ⁷ : .324* sig. | | | | Odds ratio Exp(B) ⁷ : .446 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 57.9% | 10.5% | 26.3% | 5.3% | NW | 1 | N/A |
| Hispanic | 41.2% | 5.9% | 44.1% | 8.8% | White | 0 | N/A |
| White | 84.4% | 9.0% | 5.1% | 1.5% | | | |
| Other | 86.1% | 12.5% | 1.4% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEBSTER POLICE DEPARTMENT

| Total Citations ¹ : 1,870 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 38.5% | Citations per 1000 | |
| | Passing through: | 61.5% | 18 + residents: | 138.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,781) | | | | ITP Stops ³ (N = 569) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.43 | | | | 37.09 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.9% | | | | Female 38.4% | | | |
| Male 60.1% | | | | Male 61.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.9% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 9.3% | | | | AA/Black 6.6% | | | |
| Hispanic 19.8% | | | | Hispanic 20.7% | | | |
| White 68.5% | | | | White 70.8% | | | |
| Other 2.4% | | | | Other 2.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.3% | 4.9% | 4.4% | AA/Black | 9.3% | 14.5% | -5.2% |
| Hispanic | 19.8% | 12.1% | 7.7% | Hispanic | 19.8% | 15.2% | 4.6% |
| White | 68.5% | 80.0% | -11.5% | White | 68.5% | 65.1% | 3.4% |
| Other | 2.4% | 4.1% | -1.7% | Other | 2.4% | 5.2% | -2.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 532 | 25.8% | 38.0% | NW | 145 | 31.9% | 26.4% |
| White | 1,145 | 74.2% | 62.0% | White | 352 | 68.1% | 73.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .181 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .586* sig. | | | | Odds ratio Exp(B) ⁷ : 1.325 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 53.5% | 4.7% | 34.7% | 7.1% | NW | 0 | N/A |
| Hispanic | 51.4% | 5.3% | 40.2% | 3.1% | White | 1 | N/A |
| White | 69.1% | 4.0% | 22.2% | 4.7% | | | |
| Other | 81.4% | 0.0% | 16.3% | 2.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WELLESLEY POLICE DEPARTMENT

| Total Citations ¹ : 3,233 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 19.0% | Citations per 1000 | |
| | Passing through: | 81.0% | 18 + residents: | 150.4 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,057) | | | | ITP Stops ³ (N = 1,316) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.23 | | | | 40.21 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.6% | | | | Female 38.6% | | | |
| Male 61.3% | | | | Male 61.2% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ 1.7% | | | |
| AA/Black 10.2% | | | | AA/Black 8.4% | | | |
| Hispanic 6.7% | | | | Hispanic 6.5% | | | |
| White 74.5% | | | | White 76.4% | | | |
| Other 8.7% | | | | Other 8.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.2% | 2.9% | 7.3% | AA/Black | 10.2% | 14.5% | -4.3% |
| Hispanic | 6.7% | 5.1% | 1.6% | Hispanic | 6.7% | 15.2% | -8.5% |
| White | 74.5% | 76.6% | -2.1% | White | 74.5% | 65.1% | 9.4% |
| Other | 8.7% | 15.9% | -7.2% | Other | 8.7% | 5.2% | 3.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 721 | 22.6% | 34.0% | NW | 271 | 18.6% | 32.4% |
| White | 2,107 | 77.4% | 66.0% | White | 897 | 81.4% | 67.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .568* sig. | | | | Odds ratio Exp(B) ⁷ : .452* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 77.9% | 10.7% | 9.1% | 2.2% | NW | 2 | N/A |
| Hispanic | 80.7% | 12.1% | 6.3% | 1.0% | White | 3 | N/A |
| White | 86.6% | 10.0% | 2.6% | 0.9% | | | |
| Other | 82.9% | 15.6% | 1.1% | 0.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WELLFLEET POLICE DEPARTMENT

| Total Citations ¹ : 693 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 14.6% | Citations per 1000 | |
| | Passing through: | 85.4% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 673) | | | | ITP Stops ³ (N = 221) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.35 | | | | 43.15 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.7% | | | | Female 30.3% | | | |
| Male 64.3% | | | | Male 69.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.4% | | | | Race % Mis/Unk ⁴ 5.0% | | | |
| AA/Black 9.5% | | | | AA/Black 9.5% | | | |
| Hispanic 3.7% | | | | Hispanic 2.4% | | | |
| White 84.2% | | | | White 85.7% | | | |
| Other 2.6% | | | | Other 2.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.5% | N/A | N/A | AA/Black | 9.5% | 14.5% | -5.0% |
| Hispanic | 3.7% | N/A | N/A | Hispanic | 3.7% | 15.2% | -11.5% |
| White | 84.2% | N/A | N/A | White | 84.2% | 65.1% | 19.1% |
| Other | 2.6% | N/A | N/A | Other | 2.6% | 5.2% | -2.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 102 | 15.0% | 22.5% | NW | 29 | 14.5% | 16.4% |
| White | 522 | 85.0% | 77.5% | White | 164 | 85.5% | 83.6% |
| Chi-square, X-tab ⁶ : .052 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .743 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .625 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .954 <i>not sig.</i> | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 82.5% | 1.6% | 14.3% | 1.6% | NW | 0 | N/A |
| Hispanic | 66.7% | 20.8% | 12.5% | 0.0% | White | 0 | N/A |
| White | 87.3% | 4.4% | 6.4% | 1.9% | | | |
| Other | 88.2% | 5.9% | 5.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .008* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WENHAM POLICE DEPARTMENT

| Total Citations ¹ : 259 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 6.6% | Citations per 1000 | |
| | Passing through: | 93.4% | 18 + residents: | 58.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 244) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.49 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 43.2% | | | | Female N/A | | | |
| Male 56.8% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 7.2% | | | | AA/Black N/A | | | |
| Hispanic 6.3% | | | | Hispanic N/A | | | |
| White 85.7% | | | | White N/A | | | |
| Other 0.8% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.2% | 2.7% | 4.5% | AA/Black | 7.2% | 14.5% | -7.3% |
| Hispanic | 6.3% | 5.4% | 0.9% | Hispanic | 6.3% | 15.2% | -8.9% |
| White | 85.7% | 87.8% | -2.1% | White | 85.7% | 65.1% | 20.6% |
| Other | 0.8% | 4.5% | -3.7% | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|------------|------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | N/A | N/A | N/A | NW | N/A | N/A | N/A |
| White | N/A | N/A | N/A | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | N/A | N/A | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | N/A | N/A | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 29.4% | 17.6% | 52.9% | 0.0% | NW | 0 | N/A |
| Hispanic | 53.3% | 6.7% | 40.0% | 0.0% | White | 1 | N/A |
| White | 68.4% | 11.2% | 18.6% | 1.9% | | | |
| Other | 50.0% | 50.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .023* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEST BOYLSTON POLICE DEPARTMENT

| Total Citations ¹ : 222 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 13.6% | Citations per 1000 | |
| | Passing through: | 86.4% | 18 + residents: | 31.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 206) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.93 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 41.7% | | | | Female N/A | | | |
| Male 58.3% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 8.2% | | | | AA/Black N/A | | | |
| Hispanic 13.8% | | | | Hispanic N/A | | | |
| White 73.3% | | | | White N/A | | | |
| Other 4.6% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.2% | 6.3% | 1.9% | AA/Black | 8.2% | 14.5% | -6.3% |
| Hispanic | 13.8% | 12.3% | 1.5% | Hispanic | 13.8% | 15.2% | -1.4% |
| White | 73.3% | 79.4% | -6.1% | White | 73.3% | 65.1% | 8.2% |
| Other | 4.6% | 3.9% | 0.7% | Other | 4.6% | 5.2% | -0.6% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 48 | 23.2% | 44.4% | NW | N/A | N/A | N/A |
| White | 134 | 76.8% | 55.6% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : .021* sig. | | | | Chi-square, X-tab ⁶ : N/A N/A | | | |
| Odds ratio Exp(B) ⁷ : .390* sig. | | | | Odds ratio Exp(B) ⁷ : N/A N/A | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 50.0% | 20.0% | 15.0% | 15.0% | NW | 2 | N/A |
| Hispanic | 66.7% | 13.3% | 13.3% | 6.7% | White | 0 | N/A |
| White | 78.3% | 7.9% | 13.8% | 0.0% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEST BRIDGEWATER POLICE DEPARTMENT

| Total Citations ¹ : 2,182 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 5.5% | Citations per 1000 | |
| | Passing through: | 94.5% | 18 + residents: | 379.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,115) | | | | ITP Stops ³ (N = 722) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.08 | | | | 36.14 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.8% | | | | Female 39.4% | | | |
| Male 60.2% | | | | Male 60.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.8% | | | | Race % Mis/Unk ⁴ 0.7% | | | |
| AA/Black 30.5% | | | | AA/Black 29.0% | | | |
| Hispanic 10.2% | | | | Hispanic 10.0% | | | |
| White 57.3% | | | | White 59.1% | | | |
| Other 2.0% | | | | Other 1.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 30.5% | 1.8% | 28.7% | AA/Black | 30.5% | 14.5% | 16.0% |
| Hispanic | 10.2% | 3.1% | 7.1% | Hispanic | 10.2% | 15.2% | -5.0% |
| White | 57.3% | 92.8% | -35.5% | White | 57.3% | 65.1% | -7.8% |
| Other | 2.0% | 2.3% | -0.3% | Other | 2.0% | 5.2% | -3.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 860 | 42.4% | 42.5% | NW | 258 | 39.6% | 40.0% |
| White | 1,168 | 57.6% | 57.5% | White | 392 | 60.4% | 60.0% |
| Chi-square, X-tab ⁶ : | | .958 | not sig. | Chi-square, X-tab ⁶ : | | .947 | not sig. |
| Odds ratio Exp(B) ⁷ : | | 1.157 | not sig. | Odds ratio Exp(B) ⁷ : | | .955 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|-----------|--------------|
| AA/Black | 61.5% | 18.2% | 19.6% | 0.7% | NW | 67 | 52.8% |
| Hispanic | 54.7% | 24.2% | 20.2% | 0.9% | White | 60 | 47.2% |
| White | 75.0% | 15.8% | 8.3% | 0.9% | | | |
| Other | 65.9% | 26.8% | 7.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEST BROOKFIELD POLICE DEPARTMENT

| Total Citations ¹ : 159 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 19.5% | Citations per 1000 | |
| | Passing through: | 80.5% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 154) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|---|----------------------|-------------|----------------------------------|---|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 35.78 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| Female | | 33.1% | | Female | | N/A | |
| Male | | 66.2% | | Male | | N/A | |
| Non-binary | | 0.6% | | Non-binary | | N/A | |
| Race | % | Mis/Unk ⁴ | 0.0% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | | 2.6% | | AA/Black | | N/A | |
| Hispanic | | 4.5% | | Hispanic | | N/A | |
| White | | 92.9% | | White | | N/A | |
| Other | | 0.0% | | Other | | N/A | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.6% | N/A | N/A | AA/Black | 2.6% | 14.5% | -11.9% |
| Hispanic | 4.5% | N/A | N/A | Hispanic | 4.5% | 15.2% | -10.7% |
| White | 92.9% | N/A | N/A | White | 92.9% | 65.1% | 27.8% |
| Other | 0.0% | N/A | N/A | Other | 0.0% | 5.2% | -5.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 11 | 5.8% | 12.2% | NW | N/A | N/A | N/A |
| White | 133 | 94.2% | 87.8% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .194 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .385 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 16.7% | 16.7% | 33.3% | 33.3% | NW | 1 | N/A |
| Hispanic | 57.1% | 14.3% | 14.3% | 14.3% | White | 3 | N/A |
| White | 62.3% | 21.2% | 13.0% | 3.4% | | | |
| Other | 0.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .017* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEST NEWBURY POLICE DEPARTMENT

| Total Citations ¹ : 406 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 20.0% | Citations per 1000 | |
| | Passing through: | 80.0% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 395) | | | | ITP Stops ³ (N = 192) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.65 | | | | 37.5 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.6% | | | | Female 38.2% | | | |
| Male 64.4% | | | | Male 61.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.5% | | | | Race % Mis/Unk ⁴ 3.1% | | | |
| AA/Black 2.6% | | | | AA/Black 2.7% | | | |
| Hispanic 11.0% | | | | Hispanic 10.2% | | | |
| White 85.3% | | | | White 85.5% | | | |
| Other 1.0% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 2.6% | N/A | N/A | AA/Black | 2.6% | 14.5% | -11.9% |
| Hispanic | 11.0% | N/A | N/A | Hispanic | 11.0% | 15.2% | -4.2% |
| White | 85.3% | N/A | N/A | White | 85.3% | 65.1% | 20.2% |
| Other | 1.0% | N/A | N/A | Other | 1.0% | 5.2% | -4.2% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 53 | 14.5% | 16.0% | NW | 25 | 13.3% | 16.4% |
| White | 298 | 85.5% | 84.0% | White | 146 | 86.7% | 83.6% |
| Chi-square, X-tab ⁶ : | | .703 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | .561 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .846 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .686 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|-----------------|-------------|-------|----------|------------|
| AA/Black | 36.4% | 45.5% | 18.2% | 0.0% | NW | 0 | N/A |
| Hispanic | 46.5% | 37.2% | 16.3% | 0.0% | White | 0 | N/A |
| White | 61.4% | 23.7% | 12.6% | 2.4% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .240 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEST SPRINGFIELD POLICE DEPARTMENT

| Total Citations ¹ : 669 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 28.0% | Citations per 1000 | |
| | Passing through: | 72.0% | 18 + residents: | 29.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 618) | | | | ITP Stops ³ (N = 183) | | | |
|--|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.18 | | | | 33.85 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.7% | | | | Female 40.4% | | | |
| Male 61.9% | | | | Male 59.6% | | | |
| Non-binary 0.3% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 10.4% | | | | Race % Mis/Unk ⁴ 1.1% | | | |
| AA/Black 16.1% | | | | AA/Black 16.6% | | | |
| Hispanic 8.5% | | | | Hispanic 12.7% | | | |
| White 72.7% | | | | White 67.4% | | | |
| Other 2.7% | | | | Other 3.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 16.1% | 3.2% | 12.9% | AA/Black | 16.1% | 14.5% | 1.6% |
| Hispanic | 8.5% | 10.6% | -2.1% | Hispanic | 8.5% | 15.2% | -6.7% |
| White | 72.7% | 79.6% | -6.9% | White | 72.7% | 65.1% | 7.6% |
| Other | 2.7% | 7.5% | -4.8% | Other | 2.7% | 5.2% | -2.5% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 118 | 26.4% | 27.6% | NW | 53 | 36.5% | 27.3% |
| White | 322 | 73.6% | 72.4% | White | 109 | 63.5% | 72.7% |
| Chi-square, X-tab ⁶ : .774 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .221 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .916 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.029 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 48.9% | 21.3% | 29.8% | 0.0% | NW | 0 | N/A |
| Hispanic | 71.2% | 25.0% | 3.8% | 0.0% | White | 0 | N/A |
| White | 64.1% | 14.5% | 21.4% | 0.0% | | | |
| Other | 47.1% | 17.6% | 35.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .002* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEST STOCKBRIDGE POLICE DEPARTMENT

| Total Citations ¹ : 117 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 9.6% | Citations per 1000 | |
| | Passing through: | 90.4% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 115) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 46.91 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 44.2% | | | | Female N/A | | | |
| Male 55.8% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 3.5% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 9.0% | | | | AA/Black N/A | | | |
| Hispanic 6.3% | | | | Hispanic N/A | | | |
| White 81.1% | | | | White N/A | | | |
| Other 3.6% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.0% | N/A | N/A | AA/Black | 9.0% | 14.5% | -5.5% |
| Hispanic | 6.3% | N/A | N/A | Hispanic | 6.3% | 15.2% | -8.9% |
| White | 81.1% | N/A | N/A | White | 81.1% | 65.1% | 16.0% |
| Other | 3.6% | N/A | N/A | Other | 3.6% | 5.2% | -1.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 17 | 15.1% | 27.3% | NW | N/A | N/A | N/A |
| White | 78 | 84.9% | 72.7% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .190 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .475 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 90.0% | 0.0% | 10.0% | 0.0% | NW | 0 | N/A |
| Hispanic | 100.0% | 0.0% | 0.0% | 0.0% | White | 0 | N/A |
| White | 81.5% | 5.4% | 12.0% | 1.1% | | | |
| Other | 75.0% | 0.0% | 25.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .956 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WESTBOROUGH POLICE DEPARTMENT

| Total Citations ¹ : 4,869 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 20.2% | Citations per 1000 | |
| | Passing through: | 79.8% | 18 + residents: | 342.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,765) | | | | ITP Stops ³ (N = 1,591) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.08 | | | | 39.8 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.3% | | | | Female 37.4% | | | |
| Male 62.6% | | | | Male 62.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 0.5% | | | | Race % Mis/Unk ⁴ 0.6% | | | |
| AA/Black 11.4% | | | | AA/Black 9.0% | | | |
| Hispanic 12.2% | | | | Hispanic 12.0% | | | |
| White 64.1% | | | | White 65.5% | | | |
| Other 12.3% | | | | Other 13.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.4% | 1.9% | 9.5% | AA/Black | 11.4% | 14.5% | -3.1% |
| Hispanic | 12.2% | 6.2% | 6.0% | Hispanic | 12.2% | 15.2% | -3.0% |
| White | 64.1% | 65.0% | -0.9% | White | 64.1% | 65.1% | -1.0% |
| Other | 12.3% | 27.0% | -14.7% | Other | 12.3% | 5.2% | 7.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,640 | 29.5% | 46.8% | NW | 482 | 33.8% | 35.9% |
| White | 2,914 | 70.5% | 53.2% | White | 915 | 66.2% | 64.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .439 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .461* sig. | | | | Odds ratio Exp(B) ⁷ : .709* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|------------|--------------|
| AA/Black | 86.0% | 3.4% | 9.0% | 1.6% | NW | 76 | 40.0% |
| Hispanic | 77.2% | 4.0% | 15.4% | 3.4% | White | 114 | 60.0% |
| White | 92.0% | 3.6% | 3.2% | 1.3% | | | |
| Other | 94.1% | 3.2% | 1.8% | 0.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WESTFIELD POLICE DEPARTMENT

| Total Citations ¹ : 2,005 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 41.3% | Citations per 1000 | |
| | Passing through: | 58.7% | 18 + residents: | 59.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,630) | | | | ITP Stops ³ (N = 602) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.44 | | | | 34.83 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.7% | | | | Female 36.5% | | | |
| Male 61.3% | | | | Male 63.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.7% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 6.6% | | | | AA/Black 5.4% | | | |
| Hispanic 13.0% | | | | Hispanic 14.1% | | | |
| White 78.3% | | | | White 78.2% | | | |
| Other 2.2% | | | | Other 2.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.6% | 1.6% | 5.0% | AA/Black | 6.6% | 14.5% | -7.9% |
| Hispanic | 13.0% | 9.5% | 3.5% | Hispanic | 13.0% | 15.2% | -2.2% |
| White | 78.3% | 85.0% | -6.7% | White | 78.3% | 65.1% | 13.2% |
| Other | 2.2% | 4.3% | -2.1% | Other | 2.2% | 5.2% | -3.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 339 | 18.8% | 30.3% | NW | 119 | 22.6% | 19.7% |
| White | 1,212 | 81.2% | 69.7% | White | 424 | 77.4% | 80.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .496 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .506* sig. | | | | Odds ratio Exp(B) ⁷ : 1.081 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 66.9% | 25.8% | 3.2% | 4.0% | NW | 1 | N/A |
| Hispanic | 64.8% | 23.5% | 8.9% | 2.8% | White | 8 | N/A |
| White | 77.2% | 16.1% | 3.9% | 2.7% | | | |
| Other | 73.3% | 24.4% | 2.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WESTFORD POLICE DEPARTMENT

| Total Citations ¹ : 3,535 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 32.4% | Citations per 1000 | |
| | Passing through: | 67.6% | 18 + residents: | 193.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,351) | | | | ITP Stops ³ (N = 1,396) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.84 | | | | 39.22 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.1% | | | | Female 34.5% | | | |
| Male 64.9% | | | | Male 65.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 6.1% | | | | AA/Black 5.1% | | | |
| Hispanic 6.0% | | | | Hispanic 5.4% | | | |
| White 76.0% | | | | White 75.1% | | | |
| Other 11.9% | | | | Other 14.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.1% | 0.9% | 5.2% | AA/Black | 6.1% | 14.5% | -8.4% |
| Hispanic | 6.0% | 1.5% | 4.5% | Hispanic | 6.0% | 15.2% | -9.2% |
| White | 76.0% | 76.1% | -0.1% | White | 76.0% | 65.1% | 10.9% |
| Other | 11.9% | 21.6% | -9.7% | Other | 11.9% | 5.2% | 6.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 756 | 23.6% | 24.8% | NW | 306 | 25.6% | 23.4% |
| White | 2,398 | 76.4% | 75.2% | White | 932 | 74.4% | 76.6% |
| Chi-square, X-tab ⁶ : | | .458 | not sig. | Chi-square, X-tab ⁶ : | | .379 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .932 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.314 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 60.4% | 24.5% | 14.2% | 0.9% | NW | 0 | N/A |
| Hispanic | 51.7% | 35.1% | 11.8% | 1.4% | White | 1 | N/A |
| White | 70.6% | 23.9% | 4.1% | 1.4% | | | |
| Other | 69.1% | 27.7% | 2.9% | 0.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WESTMINSTER POLICE DEPARTMENT

| Total Citations ¹ : 842 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 15.9% | Citations per 1000 | |
| | Passing through: | 84.1% | 18 + residents: | 133.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 817) | | | | ITP Stops ³ (N = 313) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.33 | | | | 34.59 | | | |
| Gender % | | | | Gender % | | | |
| Female 43.8% | | | | Female 39.9% | | | |
| Male 56.1% | | | | Male 60.1% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.6% | | | | Race % Mis/Unk ⁴ 3.2% | | | |
| AA/Black 5.8% | | | | AA/Black 6.6% | | | |
| Hispanic 9.5% | | | | Hispanic 9.2% | | | |
| White 82.7% | | | | White 81.2% | | | |
| Other 2.0% | | | | Other 3.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.8% | 0.0% | 5.8% | AA/Black | 5.8% | 14.5% | -8.7% |
| Hispanic | 9.5% | 3.3% | 6.2% | Hispanic | 9.5% | 15.2% | -5.7% |
| White | 82.7% | 96.2% | -13.5% | White | 82.7% | 65.1% | 17.6% |
| Other | 2.0% | 0.4% | 1.6% | Other | 2.0% | 5.2% | -3.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 130 | 15.6% | 20.8% | NW | 49 | 16.0% | 20.9% |
| White | 636 | 84.4% | 79.2% | White | 229 | 84.0% | 79.1% |
| Chi-square, X-tab ⁶ : .088 not sig. | | | | Chi-square, X-tab ⁶ : .321 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .673 not sig. | | | | Odds ratio Exp(B) ⁷ : .695 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 76.1% | 2.2% | 17.4% | 4.3% | NW | 1 | N/A |
| Hispanic | 76.5% | 3.7% | 18.5% | 1.2% | White | 3 | N/A |
| White | 83.0% | 6.1% | 9.2% | 1.8% | | | |
| Other | 93.8% | 6.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .103 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WESTON POLICE DEPARTMENT

| Total Citations ¹ : 2,155 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 16.6% | Citations per 1000 | |
| | Passing through: | 83.4% | 18 + residents: | 238.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,108) | | | | ITP Stops ³ (N = 766) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.4 | | | | 41.26 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.5% | | | | Female 34.3% | | | |
| Male 64.4% | | | | Male 65.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 4.0% | | | | Race % Mis/Unk ⁴ 2.9% | | | |
| AA/Black 7.6% | | | | AA/Black 6.6% | | | |
| Hispanic 9.7% | | | | Hispanic 8.1% | | | |
| White 71.9% | | | | White 73.1% | | | |
| Other 10.8% | | | | Other 12.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.6% | 1.9% | 5.7% | AA/Black | 7.6% | 14.5% | -6.9% |
| Hispanic | 9.7% | 3.8% | 5.9% | Hispanic | 9.7% | 15.2% | -5.5% |
| White | 71.9% | 76.4% | -4.5% | White | 71.9% | 65.1% | 6.8% |
| Other | 10.8% | 16.9% | -6.1% | Other | 10.8% | 5.2% | 5.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 532 | 25.7% | 35.3% | NW | 179 | 23.4% | 37.9% |
| White | 1,380 | 74.3% | 64.7% | White | 496 | 76.6% | 62.1% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .000* | sig. |
| Odds ratio Exp(B) ⁷ : | | .652* | sig. | Odds ratio Exp(B) ⁷ : | | .533* | sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 72.8% | 13.3% | 12.7% | 1.3% | NW | 0 | N/A |
| Hispanic | 58.7% | 19.7% | 19.7% | 1.9% | White | 4 | N/A |
| White | 81.3% | 14.6% | 3.2% | 0.9% | | | |
| Other | 77.6% | 20.1% | 2.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WESTPORT POLICE DEPARTMENT

| Total Citations ¹ : 1,500 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 34.6% | Citations per 1000 | |
| | Passing through: | 65.4% | 18 + residents: | 113.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,417) | | | | ITP Stops ³ (N = 398) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.97 | | | | 40.26 | | | |
| Gender % | | | | Gender % | | | |
| Female 42.5% | | | | Female 34.5% | | | |
| Male 57.5% | | | | Male 65.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 0.5% | | | |
| AA/Black 5.4% | | | | AA/Black 4.3% | | | |
| Hispanic 2.9% | | | | Hispanic 2.0% | | | |
| White 90.6% | | | | White 92.2% | | | |
| Other 1.0% | | | | Other 1.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.4% | 0.1% | 5.3% | AA/Black | 5.4% | 14.5% | -9.1% |
| Hispanic | 2.9% | 1.7% | 1.2% | Hispanic | 2.9% | 15.2% | -12.3% |
| White | 90.6% | 97.0% | -6.4% | White | 90.6% | 65.1% | 25.5% |
| Other | 1.0% | 1.4% | -0.4% | Other | 1.0% | 5.2% | -4.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 124 | 7.6% | 14.2% | NW | 29 | 8.0% | 8.2% |
| White | 1,198 | 92.4% | 85.8% | White | 331 | 92.0% | 91.8% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .963 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .485* | sig. | Odds ratio Exp(B) ⁷ : | | .781 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 62.5% | 7.5% | 27.5% | 2.5% | NW | 0 | N/A |
| Hispanic | 41.3% | 6.5% | 39.1% | 13.0% | White | 3 | N/A |
| White | 78.8% | 10.4% | 9.8% | 1.0% | | | |
| Other | 78.6% | 14.3% | 7.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WESTWOOD POLICE DEPARTMENT

| Total Citations ¹ : 2,638 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 11.1% | Citations per 1000 | |
| | Passing through: | 88.9% | 18 + residents: | 215.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,590) | | | | ITP Stops ³ (N = 1,258) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.98 | | | | 38.68 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.5% | | | | Female 40.3% | | | |
| Male 58.4% | | | | Male 59.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 4.2% | | | | Race % Mis/Unk ⁴ 4.6% | | | |
| AA/Black 18.0% | | | | AA/Black 18.8% | | | |
| Hispanic 9.0% | | | | Hispanic 9.9% | | | |
| White 64.7% | | | | White 62.7% | | | |
| Other 8.3% | | | | Other 8.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 18.0% | 0.7% | 17.3% | AA/Black | 18.0% | 14.5% | 3.5% |
| Hispanic | 9.0% | 3.0% | 6.0% | Hispanic | 9.0% | 15.2% | -6.2% |
| White | 64.7% | 84.4% | -19.7% | White | 64.7% | 65.1% | -0.4% |
| Other | 8.3% | 11.4% | -3.1% | Other | 8.3% | 5.2% | 3.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 823 | 32.4% | 40.4% | NW | 399 | 37.2% | 37.0% |
| White | 1,521 | 67.6% | 59.6% | White | 675 | 62.8% | 63.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .943 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .714* sig. | | | | Odds ratio Exp(B) ⁷ : 1.051 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 80.2% | 7.9% | 11.0% | 0.9% | NW | 1 | N/A |
| Hispanic | 77.6% | 10.1% | 10.1% | 2.2% | White | 1 | N/A |
| White | 89.2% | 6.1% | 4.0% | 0.7% | | | |
| Other | 89.8% | 7.8% | 1.9% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WEYMOUTH POLICE DEPARTMENT

| Total Citations ¹ : 6,780 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 36.7% | Citations per 1000 | |
| | Passing through: | 63.3% | 18 + residents: | 143 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 6,480) | | | | ITP Stops ³ (N = 2,038) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.9 | | | | 38.59 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.9% | | | | Female 39.6% | | | |
| Male 59.0% | | | | Male 60.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.3% | | | | Race % Mis/Unk ⁴ 4.5% | | | |
| AA/Black 11.2% | | | | AA/Black 11.6% | | | |
| Hispanic 4.1% | | | | Hispanic 4.8% | | | |
| White 81.0% | | | | White 79.8% | | | |
| Other 3.8% | | | | Other 3.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.2% | 5.6% | 5.6% | AA/Black | 11.2% | 14.5% | -3.3% |
| Hispanic | 4.1% | 3.8% | 0.3% | Hispanic | 4.1% | 15.2% | -11.1% |
| White | 81.0% | 81.6% | -0.6% | White | 81.0% | 65.1% | 15.9% |
| Other | 3.8% | 8.5% | -4.7% | Other | 3.8% | 5.2% | -1.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,125 | 15.9% | 29.3% | NW | 353 | 17.5% | 24.7% |
| White | 4,837 | 84.1% | 70.7% | White | 1,424 | 82.5% | 75.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .445* sig. | | | | Odds ratio Exp(B) ⁷ : .570* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 81.3% | 5.2% | 10.6% | 2.9% | NW | 5 | N/A |
| Hispanic | 61.9% | 13.7% | 20.3% | 4.1% | White | 3 | N/A |
| White | 90.0% | 3.3% | 5.2% | 1.5% | | | |
| Other | 93.8% | 3.8% | 2.1% | 0.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WHATELY POLICE DEPARTMENT

| Total Citations ¹ : 237 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 9.8% | Citations per 1000 | |
| | Passing through: | 90.2% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 234) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|---|----------------------|-------------|----------------------------------|---|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 42.41 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| Female | | 42.7% | | Female | | N/A | |
| Male | | 57.3% | | Male | | N/A | |
| Non-binary | | 0.0% | | Non-binary | | N/A | |
| Race | % | Mis/Unk ⁴ | 0.0% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | | 7.3% | | AA/Black | | N/A | |
| Hispanic | | 4.3% | | Hispanic | | N/A | |
| White | | 86.8% | | White | | N/A | |
| Other | | 1.7% | | Other | | N/A | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.3% | N/A | N/A | AA/Black | 7.3% | 14.5% | -7.2% |
| Hispanic | 4.3% | N/A | N/A | Hispanic | 4.3% | 15.2% | -10.9% |
| White | 86.8% | N/A | N/A | White | 86.8% | 65.1% | 21.7% |
| Other | 1.7% | N/A | N/A | Other | 1.7% | 5.2% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 30 | 12.4% | 16.4% | NW | N/A | N/A | N/A |
| White | 192 | 87.6% | 83.6% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .440 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .717 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 58.8% | 29.4% | 11.8% | 0.0% | NW | 0 | N/A |
| Hispanic | 60.0% | 40.0% | 0.0% | 0.0% | White | 1 | N/A |
| White | 67.0% | 28.2% | 3.9% | 1.0% | | | |
| Other | 50.0% | 50.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .861 | not sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WHITMAN POLICE DEPARTMENT

| Total Citations ¹ : 365 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 25.2% | Citations per 1000 | |
| | Passing through: | 74.8% | 18 + residents: | 31.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 302) | | | | ITP Stops ³ (N = 142) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 33.48 | | | | 32.61 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.5% | | | | Female 31.2% | | | |
| Male 70.5% | | | | Male 68.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 2.1% | | | |
| AA/Black 17.1% | | | | AA/Black 16.5% | | | |
| Hispanic 7.0% | | | | Hispanic 5.0% | | | |
| White 75.5% | | | | White 77.7% | | | |
| Other 0.3% | | | | Other 0.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 17.1% | 1.9% | 15.2% | AA/Black | 17.1% | 14.5% | 2.6% |
| Hispanic | 7.0% | 2.5% | 4.5% | Hispanic | 7.0% | 15.2% | -8.2% |
| White | 75.5% | 91.7% | -16.2% | White | 75.5% | 65.1% | 10.4% |
| Other | 0.3% | 3.5% | -3.2% | Other | 0.3% | 5.2% | -4.9% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|----|--------------|-----------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 65 | 21.0% | 32.2% | NW | 25 | 18.0% | 30.4% |
| White | 198 | 79.0% | 67.8% | White | 98 | 82.0% | 69.6% |
| Chi-square, X-tab ⁶ : | | .048* | <i>sig.</i> | Chi-square, X-tab ⁶ : | | .181 | <i>not sig.</i> |
| Odds ratio Exp(B) ⁷ : | | .620 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | .529 | <i>not sig.</i> |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 14.3% | 55.6% | 25.4% | 4.8% | NW | 0 | N/A |
| Hispanic | 3.6% | 35.7% | 60.7% | 0.0% | White | 0 | N/A |
| White | 18.6% | 56.9% | 20.4% | 4.1% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .001* | <i>sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WILBRAHAM POLICE DEPARTMENT

| Total Citations ¹ : 1,854 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 23.5% | Citations per 1000 | |
| | Passing through: | 76.5% | 18 + residents: | 159.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,698) | | | | ITP Stops ³ (N = 780) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.79 | | | | 38.9 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.0% | | | | Female 41.2% | | | |
| Male 59.0% | | | | Male 58.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ 2.6% | | | |
| AA/Black 10.9% | | | | AA/Black 9.5% | | | |
| Hispanic 10.1% | | | | Hispanic 10.1% | | | |
| White 77.4% | | | | White 78.9% | | | |
| Other 1.5% | | | | Other 1.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.9% | 3.2% | 7.7% | AA/Black | 10.9% | 14.5% | -3.6% |
| Hispanic | 10.1% | 9.7% | 0.4% | Hispanic | 10.1% | 15.2% | -5.1% |
| White | 77.4% | 85.3% | -7.9% | White | 77.4% | 65.1% | 12.3% |
| Other | 1.5% | 2.7% | -1.2% | Other | 1.5% | 5.2% | -3.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 355 | 20.0% | 29.1% | NW | 150 | 20.9% | 23.0% |
| White | 1,170 | 80.0% | 70.9% | White | 541 | 79.1% | 77.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .525 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .647* sig. | | | | Odds ratio Exp(B) ⁷ : .938 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 72.0% | 2.5% | 19.0% | 6.5% | NW | 9 | N/A |
| Hispanic | 77.0% | 2.8% | 16.3% | 3.9% | White | 9 | N/A |
| White | 88.5% | 2.9% | 6.4% | 2.2% | | | |
| Other | 82.1% | 7.1% | 7.1% | 3.6% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WILLIAMSBURG POLICE DEPARTMENT

| Total Citations ¹ : 147 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 6.8% | Citations per 1000 | |
| | Passing through: | 93.2% | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 133) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|---|----------------------|-------------|----------------------------------|---|----------------------|------------|
| Mean age | | | | Mean age | | | |
| 41.3 | | | | N/A | | | |
| Gender | % | | | Gender | % | | |
| Female | | 35.6% | | Female | | N/A | |
| Male | | 64.4% | | Male | | N/A | |
| Non-binary | | 0.0% | | Non-binary | | N/A | |
| Race | % | Mis/Unk ⁴ | 6.8% | Race | % | Mis/Unk ⁴ | N/A |
| AA/Black | | 6.5% | | AA/Black | | N/A | |
| Hispanic | | 7.3% | | Hispanic | | N/A | |
| White | | 85.5% | | White | | N/A | |
| Other | | 0.8% | | Other | | N/A | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.5% | N/A | N/A | AA/Black | 6.5% | 14.5% | -8.0% |
| Hispanic | 7.3% | N/A | N/A | Hispanic | 7.3% | 15.2% | -7.9% |
| White | 85.5% | N/A | N/A | White | 85.5% | 65.1% | 20.4% |
| Other | 0.8% | N/A | N/A | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 15 | 9.6% | 27.3% | NW | N/A | N/A | N/A |
| White | 101 | 90.4% | 72.7% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .026* | sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .302 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|---------------|--------------|-------|----------|------------|
| AA/Black | 40.0% | 10.0% | 20.0% | 30.0% | NW | 2 | N/A |
| Hispanic | 20.0% | 0.0% | 70.0% | 10.0% | White | 6 | N/A |
| White | 67.5% | 10.5% | 18.4% | 3.5% | | | |
| Other | 0.0% | 0.0% | 100.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WILLIAMSTOWN POLICE DEPARTMENT

| Total Citations ¹ : 355 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 17.5% | Citations per 1000 | |
| | Passing through: | 82.5% | 18 + residents: | 55.9 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 308) | | | | ITP Stops ³ (N = 148) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.13 | | | | 35.37 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.8% | | | | Female 37.8% | | | |
| Male 62.2% | | | | Male 62.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 6.9% | | | | AA/Black 5.4% | | | |
| Hispanic 1.3% | | | | Hispanic 0.7% | | | |
| White 90.5% | | | | White 91.2% | | | |
| Other 1.3% | | | | Other 2.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.9% | 5.1% | 1.8% | AA/Black | 6.9% | 14.5% | -7.6% |
| Hispanic | 1.3% | 6.1% | -4.8% | Hispanic | 1.3% | 15.2% | -13.9% |
| White | 90.5% | 79.1% | 11.4% | White | 90.5% | 65.1% | 25.4% |
| Other | 1.3% | 11.6% | -10.3% | Other | 1.3% | 5.2% | -3.9% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|------------|------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 26 | 8.7% | 11.6% | NW | N/A | N/A | N/A |
| White | 250 | 91.3% | 88.4% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .475 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .709 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|-----------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 79.2% | 16.7% | 4.2% | 0.0% | NW | 0 | N/A |
| Hispanic | 75.0% | 0.0% | 25.0% | 0.0% | White | 1 | N/A |
| White | 65.4% | 20.2% | 11.5% | 2.8% | | | |
| Other | 25.0% | 75.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .232 | <i>not sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WILMINGTON POLICE DEPARTMENT

| Total Citations ¹ : 3,549 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 29.2% | Citations per 1000 | |
| | Passing through: | 70.8% | 18 + residents: | 192.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,497) | | | | ITP Stops ³ (N = 1,166) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.87 | | | | 39.76 | | | |
| Gender % | | | | Gender % | | | |
| Female 40.2% | | | | Female 39.6% | | | |
| Male 59.8% | | | | Male 60.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 3.1% | | | |
| AA/Black 5.9% | | | | AA/Black 5.1% | | | |
| Hispanic 8.1% | | | | Hispanic 9.1% | | | |
| White 80.3% | | | | White 79.4% | | | |
| Other 5.6% | | | | Other 6.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 5.9% | 4.1% | 1.8% | AA/Black | 5.9% | 14.5% | -8.6% |
| Hispanic | 8.1% | 1.0% | 7.1% | Hispanic | 8.1% | 15.2% | -7.1% |
| White | 80.3% | 87.0% | -6.7% | White | 80.3% | 65.1% | 15.2% |
| Other | 5.6% | 7.9% | -2.3% | Other | 5.6% | 5.2% | 0.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 639 | 17.1% | 28.9% | NW | 207 | 18.8% | 23.5% |
| White | 2,610 | 82.9% | 71.1% | White | 803 | 81.2% | 76.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .077 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .511* sig. | | | | Odds ratio Exp(B) ⁷ : .700 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 78.5% | 11.7% | 9.8% | 0.0% | NW | 1 | N/A |
| Hispanic | 74.6% | 13.2% | 9.1% | 3.1% | White | 2 | N/A |
| White | 85.3% | 9.5% | 4.1% | 1.1% | | | |
| Other | 88.7% | 8.7% | 2.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WINCHENDON POLICE DEPARTMENT

| Total Citations ¹ : 478 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 40.2% | Citations per 1000 | |
| | Passing through: | 59.8% | 18 + residents: | 57.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 423) | | | | ITP Stops ³ (N = 193) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.6 | | | | 34.93 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.4% | | | | Female 37.0% | | | |
| Male 64.6% | | | | Male 63.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.0% | | | | Race % Mis/Unk ⁴ 5.2% | | | |
| AA/Black 3.0% | | | | AA/Black 2.7% | | | |
| Hispanic 7.9% | | | | Hispanic 8.7% | | | |
| White 87.9% | | | | White 88.0% | | | |
| Other 1.2% | | | | Other 0.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 3.0% | 1.2% | 1.8% | AA/Black | 3.0% | 14.5% | -11.5% |
| Hispanic | 7.9% | 3.2% | 4.7% | Hispanic | 7.9% | 15.2% | -7.3% |
| White | 87.9% | 90.8% | -2.9% | White | 87.9% | 65.1% | 22.8% |
| Other | 1.2% | 5.1% | -3.9% | Other | 1.2% | 5.2% | -4.0% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 44 | 11.2% | 12.1% | NW | 17 | 10.4% | 11.3% |
| White | 333 | 88.8% | 87.9% | White | 141 | 89.6% | 88.7% |
| Chi-square, X-tab ⁶ : .803 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .863 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .925 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .898 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 35.7% | 21.4% | 35.7% | 7.1% | NW | 0 | N/A |
| Hispanic | 40.0% | 25.7% | 31.4% | 2.9% | White | 6 | N/A |
| White | 50.5% | 16.3% | 31.2% | 2.0% | | | |
| Other | 66.7% | 16.7% | 16.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .763 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WINCHESTER POLICE DEPARTMENT

| Total Citations ¹ : 493 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 38.7% | Citations per 1000 | |
| | Passing through: | 61.3% | 18 + residents: | 30.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 411) | | | | ITP Stops ³ (N = 186) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.71 | | | | 40.32 | | | |
| Gender % | | | | Gender % | | | |
| Female 46.9% | | | | Female 43.5% | | | |
| Male 53.1% | | | | Male 56.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 8.0% | | | | Race % Mis/Unk ⁴ 5.4% | | | |
| AA/Black 4.5% | | | | AA/Black 4.5% | | | |
| Hispanic 6.1% | | | | Hispanic 4.5% | | | |
| White 73.8% | | | | White 75.6% | | | |
| Other 15.6% | | | | Other 15.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 4.5% | 0.3% | 4.2% | AA/Black | 4.5% | 14.5% | -10.0% |
| Hispanic | 6.1% | 2.1% | 4.0% | Hispanic | 6.1% | 15.2% | -9.1% |
| White | 73.8% | 79.5% | -5.7% | White | 73.8% | 65.1% | 8.7% |
| Other | 15.6% | 17.3% | -1.7% | Other | 15.6% | 5.2% | 10.4% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 91 | 26.3% | 29.8% | NW | 43 | 26.0% | 28.9% |
| White | 247 | 73.7% | 70.2% | White | 118 | 74.0% | 71.1% |
| Chi-square, X-tab ⁶ : .588 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .721 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .749 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .922 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 89.5% | 0.0% | 5.3% | 5.3% | NW | 1 | N/A |
| Hispanic | 51.5% | 6.1% | 39.4% | 3.0% | White | 1 | N/A |
| White | 81.8% | 8.7% | 6.9% | 2.7% | | | |
| Other | 81.8% | 12.1% | 6.1% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WINTHROP POLICE DEPARTMENT

| Total Citations ¹ : 518 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 47.4% | Citations per 1000 | |
| | Passing through: | 52.6% | 18 + residents: | 34.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 500) | | | | ITP Stops ³ (N = 133) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.04 | | | | 39.52 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.7% | | | | Female 28.9% | | | |
| Male 70.3% | | | | Male 71.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 6.4% | | | | AA/Black 4.5% | | | |
| Hispanic 14.2% | | | | Hispanic 10.6% | | | |
| White 74.1% | | | | White 84.1% | | | |
| Other 5.3% | | | | Other 0.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.4% | 2.2% | 4.2% | AA/Black | 6.4% | 14.5% | -8.1% |
| Hispanic | 14.2% | 9.5% | 4.7% | Hispanic | 14.2% | 15.2% | -1.0% |
| White | 74.1% | 86.5% | -12.4% | White | 74.1% | 65.1% | 9.0% |
| Other | 5.3% | 3.2% | 2.1% | Other | 5.3% | 5.2% | 0.1% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 125 | 18.9% | 34.8% | NW | 20 | 14.1% | 18.6% |
| White | 350 | 81.1% | 65.2% | White | 103 | 85.9% | 81.4% |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .491 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .387* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .320 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 54.5% | 21.2% | 15.2% | 9.1% | NW | 0 | N/A |
| Hispanic | 54.3% | 10.0% | 28.6% | 7.1% | White | 1 | N/A |
| White | 66.0% | 15.8% | 15.3% | 2.9% | | | |
| Other | 85.2% | 11.1% | 3.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .011* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WOBURN POLICE DEPARTMENT

| Total Citations ¹ : 2,645 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 38.7% | Citations per 1000 | |
| | Passing through: | 61.3% | 18 + residents: | 81.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,523) | | | | ITP Stops ³ (N = 1,154) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.47 | | | | 41.43 | | | |
| Gender % | | | | Gender % | | | |
| Female 44.4% | | | | Female 44.4% | | | |
| Male 55.5% | | | | Male 55.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.9% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 6.6% | | | | AA/Black 5.8% | | | |
| Hispanic 8.6% | | | | Hispanic 8.4% | | | |
| White 76.1% | | | | White 75.9% | | | |
| Other 8.7% | | | | Other 9.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.6% | 5.9% | 0.7% | AA/Black | 6.6% | 14.5% | -7.9% |
| Hispanic | 8.6% | 4.6% | 4.0% | Hispanic | 8.6% | 15.2% | -6.6% |
| White | 76.1% | 77.4% | -1.3% | White | 76.1% | 65.1% | 11.0% |
| Other | 8.7% | 11.4% | -2.7% | Other | 8.7% | 5.2% | 3.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 540 | 22.8% | 32.3% | NW | 244 | 22.6% | 29.2% |
| White | 1,730 | 77.2% | 67.7% | White | 799 | 77.4% | 70.8% |
| Chi-square, X-tab ⁶ : | | .001* | sig. | Chi-square, X-tab ⁶ : | | .112 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .607* | sig. | Odds ratio Exp(B) ⁷ : | | .656 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 82.1% | 9.8% | 6.4% | 1.7% | NW | 2 | N/A |
| Hispanic | 70.0% | 14.8% | 13.5% | 1.8% | White | 7 | N/A |
| White | 89.2% | 7.1% | 3.2% | 0.4% | | | |
| Other | 89.1% | 10.4% | 0.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WORCESTER POLICE DEPARTMENT

| Total Citations ¹ : 2,283 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 62.1% | Citations per 1000 | |
| | Passing through: | 37.9% | 18 + residents: | 15.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,986) | | | | ITP Stops ³ (N = 989) | | | |
|--|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.16 | | | | 36.56 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.2% | | | | Female 41.9% | | | |
| Male 60.7% | | | | Male 58.1% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 10.2% | | | | Race % Mis/Unk ⁴ 5.9% | | | |
| AA/Black 15.6% | | | | AA/Black 15.0% | | | |
| Hispanic 24.5% | | | | Hispanic 22.6% | | | |
| White 55.1% | | | | White 55.7% | | | |
| Other 4.8% | | | | Other 6.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 15.6% | 13.3% | 2.3% | AA/Black | 15.6% | 14.5% | 1.1% |
| Hispanic | 24.5% | 21.9% | 2.6% | Hispanic | 24.5% | 15.2% | 9.3% |
| White | 55.1% | 55.2% | -0.1% | White | 55.1% | 65.1% | -10.0% |
| Other | 4.8% | 12.1% | -7.3% | Other | 4.8% | 5.2% | -0.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 715 | 43.4% | 62.0% | NW | 387 | 42.9% | 56.9% |
| White | 873 | 56.6% | 38.0% | White | 493 | 57.1% | 43.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .029* sig. | | | |
| Odds ratio Exp(B) ⁷ : .509* sig. | | | | Odds ratio Exp(B) ⁷ : .527* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|--------------|-------|----------|------------|
| AA/Black | 51.3% | 23.6% | 18.5% | 6.7% | NW | 3 | N/A |
| Hispanic | 38.5% | 26.6% | 20.8% | 14.1% | White | 4 | N/A |
| White | 60.3% | 24.4% | 11.2% | 4.1% | | | |
| Other | 81.3% | 13.2% | 3.3% | 2.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

WRENTHAM POLICE DEPARTMENT

| Total Citations ¹ : 2,561 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|--------------|
| | Intown motorist: | 20.2% | Citations per 1000 | |
| | Passing through: | 79.8% | 18 + residents: | 280.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,522) | | | | ITP Stops ³ (N = 1,089) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.99 | | | | 39.39 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.3% | | | | Female 40.3% | | | |
| Male 58.7% | | | | Male 59.7% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 8.5% | | | | Race % Mis/Unk ⁴ 7.8% | | | |
| AA/Black 8.6% | | | | AA/Black 8.0% | | | |
| Hispanic 6.2% | | | | Hispanic 7.8% | | | |
| White 82.1% | | | | White 81.3% | | | |
| Other 3.0% | | | | Other 3.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.6% | 2.9% | 5.7% | AA/Black | 8.6% | 14.5% | -5.9% |
| Hispanic | 6.2% | 2.9% | 3.3% | Hispanic | 6.2% | 15.2% | -9.0% |
| White | 82.1% | 92.7% | -10.6% | White | 82.1% | 65.1% | 17.0% |
| Other | 3.0% | 1.5% | 1.5% | Other | 3.0% | 5.2% | -2.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 381 | 16.7% | 20.6% | NW | 159 | 23.7% | 8.2% |
| White | 1,766 | 83.3% | 79.4% | White | 688 | 76.3% | 91.8% |
| Chi-square, X-tab ⁶ : .031* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .691* sig. | | | | Odds ratio Exp(B) ⁷ : 3.569* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 88.2% | 4.9% | 6.4% | 0.5% | NW | 0 | N/A |
| Hispanic | 72.6% | 9.6% | 15.8% | 2.1% | White | 0 | N/A |
| White | 90.2% | 6.6% | 2.2% | 1.0% | | | |
| Other | 94.2% | 5.8% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

YARMOUTH POLICE DEPARTMENT

| Total Citations ¹ : 1,426 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 36.5% | Citations per 1000 | |
| | Passing through: | 63.5% | 18 + residents: | 71.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,328) | | | | ITP Stops ³ (N = 482) | | | |
|------------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 42.02 | | | | 40.15 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.9% | | | | Female 36.1% | | | |
| Male 62.1% | | | | Male 63.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| 1.7% | | | | 0.4% | | | |
| AA/Black 12.6% | | | | AA/Black 12.7% | | | |
| Hispanic 6.5% | | | | Hispanic 5.6% | | | |
| White 79.8% | | | | White 80.4% | | | |
| Other 1.1% | | | | Other 1.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.6% | 2.4% | 10.2% | AA/Black | 12.6% | 14.5% | -1.9% |
| Hispanic | 6.5% | 2.7% | 3.8% | Hispanic | 6.5% | 15.2% | -8.7% |
| White | 79.8% | 89.2% | -9.4% | White | 79.8% | 65.1% | 14.7% |
| Other | 1.1% | 5.5% | -4.4% | Other | 1.1% | 5.2% | -4.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 251 | 18.7% | 25.2% | NW | 84 | 19.4% | 17.9% |
| White | 1,003 | 81.3% | 74.8% | White | 357 | 80.6% | 82.1% |
| Chi-square, X-tab ⁶ : .021* sig. | | | | Chi-square, X-tab ⁶ : .747 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .711 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.063 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 66.9% | 3.9% | 20.8% | 8.4% | NW | 1 | N/A |
| Hispanic | 55.7% | 12.4% | 24.7% | 7.2% | White | 3 | N/A |
| White | 76.0% | 6.4% | 12.1% | 5.5% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 BOSTON POLICE DEPARTMENT

2022 Boston Police Department Districts³⁹

District A-1: Downtown Boston and Charlestown

District A-7: East Boston

District B-2: Roxbury

District B-3: Mattapan

District C-6: South Boston

District C-11: Dorchester

District D-4: South End

District D-14: Brighton

District E-5: West Roxbury

District E-13: Jamaica Plain

District E-18: Hyde Park

³⁹The Boston Police Department (BPD) district information obtained from the Boston Police Department official website at: <https://www.boston.gov/departments/police#districts>. Rates for BPD districts are based on total City of Boston population as individual district populations were not available.

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT A-1

| Total Citations ¹ : 951 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 8.5% | Citations per 1000 | |
| | Passing through: | 91.5% | 18 + residents: | 1.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 913) | | | | ITP Stops ³ (N = 275) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 42.35 | | | | 42.67 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.9% | | | | Female 30.9% | | | |
| Male 70.0% | | | | Male 69.1% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 10.6% | | | | Race % Mis/Unk ⁴ 13.1% | | | |
| AA/Black 26.2% | | | | AA/Black 24.3% | | | |
| Hispanic 11.2% | | | | Hispanic 10.9% | | | |
| White 50.6% | | | | White 55.2% | | | |
| Other 12.0% | | | | Other 9.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 26.2% | 25.2% | 1.0% | AA/Black | 26.2% | 14.5% | 11.7% |
| Hispanic | 11.2% | 19.8% | -8.6% | Hispanic | 11.2% | 15.2% | -4.0% |
| White | 50.6% | 44.5% | 6.1% | White | 50.6% | 65.1% | -14.5% |
| Other | 12.0% | 15.4% | -3.4% | Other | 12.0% | 5.2% | 6.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 378 | 46.3% | 59.4% | NW | 93 | 41.8% | 44.0% |
| White | 392 | 53.7% | 40.6% | White | 127 | 58.2% | 56.0% |
| Chi-square, X-tab ⁶ : .003* sig. | | | | Chi-square, X-tab ⁶ : .779 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .572* sig. | | | | Odds ratio Exp(B) ⁷ : .535 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 50.2% | 44.3% | 5.4% | 0.0% | NW | 2 | N/A |
| Hispanic | 69.1% | 26.6% | 3.2% | 1.1% | White | 1 | N/A |
| White | 56.5% | 40.1% | 3.0% | 0.5% | | | |
| Other | 51.0% | 48.0% | 1.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .029* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT A-7

| Total Citations ¹ : 1,567 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 31.8% | Citations per 1000 | |
| | Passing through: | 68.2% | 18 + residents: | 2.7 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,458) | | | | ITP Stops ³ (N = 676) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.32 | | | | 36.57 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.8% | | | | Female 26.9% | | | |
| Male 72.1% | | | | Male 72.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 20.3% | | | | Race % Mis/Unk ⁴ 28.4% | | | |
| AA/Black 11.3% | | | | AA/Black 12.8% | | | |
| Hispanic 44.3% | | | | Hispanic 40.3% | | | |
| White 39.1% | | | | White 41.9% | | | |
| Other 5.3% | | | | Other 5.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.3% | 25.2% | -13.9% | AA/Black | 11.3% | 14.5% | -3.2% |
| Hispanic | 44.3% | 19.8% | 24.5% | Hispanic | 44.3% | 15.2% | 29.1% |
| White | 39.1% | 44.5% | -5.4% | White | 39.1% | 65.1% | -26.0% |
| Other | 5.3% | 15.4% | -10.1% | Other | 5.3% | 5.2% | 0.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 651 | 59.7% | 64.7% | NW | 251 | 58.1% | 59.0% |
| White | 412 | 40.3% | 35.3% | White | 178 | 41.9% | 41.0% |
| Chi-square, X-tab ⁶ : | | .117 | not sig. | Chi-square, X-tab ⁶ : | | .843 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .776 | not sig. | Odds ratio Exp(B) ⁷ : | | .947 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 66.4% | 22.4% | 11.2% | 0.0% | NW | 9 | N/A |
| Hispanic | 72.4% | 13.7% | 13.2% | 0.7% | White | 5 | N/A |
| White | 81.6% | 10.3% | 7.9% | 0.2% | | | |
| Other | 89.1% | 10.9% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .000* | sig. | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT B-2

| Total Citations ¹ : 1,223 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 13.7% | Citations per 1000 | |
| | Passing through: | 86.3% | 18 + residents: | 2.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,157) | | | | ITP Stops ³ (N = 387) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.31 | | | | 36.49 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.2% | | | | Female 32.1% | | | |
| Male 68.7% | | | | Male 67.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 14.4% | | | | Race % Mis/Unk ⁴ 20.4% | | | |
| AA/Black 55.1% | | | | AA/Black 58.8% | | | |
| Hispanic 21.2% | | | | Hispanic 16.9% | | | |
| White 19.1% | | | | White 18.8% | | | |
| Other 4.6% | | | | Other 5.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 55.1% | 25.2% | 29.9% | AA/Black | 55.1% | 14.5% | 40.6% |
| Hispanic | 21.2% | 19.8% | 1.4% | Hispanic | 21.2% | 15.2% | 6.0% |
| White | 19.1% | 44.5% | -25.4% | White | 19.1% | 65.1% | -46.0% |
| Other | 4.6% | 15.4% | -10.8% | Other | 4.6% | 5.2% | -0.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 747 | 79.5% | 83.5% | NW | 212 | 78.9% | 86.8% |
| White | 173 | 20.4% | 16.5% | White | 50 | 21.1% | 13.2% |
| Chi-square, X-tab ⁶ : .135 not sig. | | | | Chi-square, X-tab ⁶ : .154 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .833 not sig. | | | | Odds ratio Exp(B) ⁷ : .637 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 66.8% | 24.1% | 7.4% | 1.7% | NW | 9 | N/A |
| Hispanic | 82.0% | 14.0% | 4.1% | 0.0% | White | 1 | N/A |
| White | 85.3% | 10.2% | 3.6% | 1.0% | | | |
| Other | 89.6% | 10.4% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT B-3

| Total Citations ¹ : 1,274 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 12.9% | Citations per 1000 | |
| | Passing through: | 87.1% | 18 + residents: | 2.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,148) | | | | ITP Stops ³ (N = 472) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.3 | | | | 35.75 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.4% | | | | Female 35.5% | | | |
| Male 67.6% | | | | Male 64.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 16.6% | | | | Race % Mis/Unk ⁴ 23.7% | | | |
| AA/Black 66.5% | | | | AA/Black 66.7% | | | |
| Hispanic 17.6% | | | | Hispanic 16.9% | | | |
| White 14.2% | | | | White 13.3% | | | |
| Other 1.7% | | | | Other 3.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 66.5% | 25.2% | 41.3% | AA/Black | 66.5% | 14.5% | 52.0% |
| Hispanic | 17.6% | 19.8% | -2.2% | Hispanic | 17.6% | 15.2% | 2.4% |
| White | 14.2% | 44.5% | -30.3% | White | 14.2% | 65.1% | -50.9% |
| Other | 1.7% | 15.4% | -13.7% | Other | 1.7% | 5.2% | -3.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 761 | 86.0% | 85.2% | NW | 278 | 86.4% | 86.2% |
| White | 127 | 14.0% | 14.8% | White | 44 | 13.6% | 13.8% |
| Chi-square, X-tab ⁶ : .720 not sig. | | | | Chi-square, X-tab ⁶ : .971 not sig. | | | |
| Odds ratio Exp(B) ⁷ : 1.217 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.057 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 71.3% | 15.5% | 11.4% | 1.8% | NW | 13 | N/A |
| Hispanic | 69.5% | 20.0% | 8.9% | 1.6% | White | 3 | N/A |
| White | 74.8% | 13.2% | 11.3% | 0.7% | | | |
| Other | 94.1% | 5.9% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .404 not sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT C-6

| Total Citations ¹ : 5,868 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 16.3% | Citations per 1000 | |
| | Passing through: | 83.7% | 18 + residents: | 10.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,834) | | | | ITP Stops ³ (N = 1,840) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.65 | | | | 39.34 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.2% | | | | Female 37.0% | | | |
| Male 63.7% | | | | Male 62.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 12.7% | | | | Race % Mis/Unk ⁴ 11.5% | | | |
| AA/Black 23.8% | | | | AA/Black 25.4% | | | |
| Hispanic 14.5% | | | | Hispanic 11.9% | | | |
| White 54.5% | | | | White 56.0% | | | |
| Other 7.1% | | | | Other 6.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 23.8% | 25.2% | -1.4% | AA/Black | 23.8% | 14.5% | 9.3% |
| Hispanic | 14.5% | 19.8% | -5.3% | Hispanic | 14.5% | 15.2% | -0.7% |
| White | 54.5% | 44.5% | 10.0% | White | 54.5% | 65.1% | -10.6% |
| Other | 7.1% | 15.4% | -8.3% | Other | 7.1% | 5.2% | 1.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,160 | 40.3% | 59.5% | NW | 625 | 42.0% | 46.4% |
| White | 2,597 | 59.7% | 40.5% | White | 817 | 58.0% | 53.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .122 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .467* sig. | | | | Odds ratio Exp(B) ⁷ : .683* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|-------------|-------------|-------|-----------|------------|
| AA/Black | 95.7% | 3.9% | 0.3% | 0.0% | NW | 12 | N/A |
| Hispanic | 91.2% | 7.6% | 1.1% | 0.1% | White | 5 | N/A |
| White | 97.4% | 2.4% | 0.1% | 0.0% | | | |
| Other | 97.3% | 2.7% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT C-11

| Total Citations ¹ : 2,944 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 43.2% | Citations per 1000 | |
| | Passing through: | 56.8% | 18 + residents: | 5.1 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,743) | | | | ITP Stops ³ (N = 946) | | | |
|------------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.85 | | | | 40.04 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.5% | | | | Female 36.4% | | | |
| Male 65.4% | | | | Male 63.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 55.3% | | | | AA/Black 54.4% | | | |
| Hispanic 15.2% | | | | Hispanic 8.6% | | | |
| White 21.2% | | | | White 27.7% | | | |
| Other 8.3% | | | | Other 9.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 55.3% | 25.2% | 30.1% | AA/Black | 55.3% | 14.5% | 40.8% |
| Hispanic | 15.2% | 19.8% | -4.6% | Hispanic | 15.2% | 15.2% | 0.0% |
| White | 21.2% | 44.5% | -23.3% | White | 21.2% | 65.1% | -43.9% |
| Other | 8.3% | 15.4% | -7.1% | Other | 8.3% | 5.2% | 3.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,861 | 74.4% | 84.1% | NW | 552 | 68.9% | 81.0% |
| White | 501 | 25.6% | 15.9% | White | 215 | 31.1% | 19.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .001* sig. | | | |
| Odds ratio Exp(B) ⁷ : .581* sig. | | | | Odds ratio Exp(B) ⁷ : .575* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|-----------|------------|
| AA/Black | 86.7% | 6.4% | 6.6% | 0.3% | NW | 15 | N/A |
| Hispanic | 81.4% | 12.8% | 5.6% | 0.2% | White | 4 | N/A |
| White | 88.5% | 5.5% | 5.3% | 0.7% | | | |
| Other | 95.9% | 2.7% | 1.4% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT D-4

| Total Citations ¹ : 2,688 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 9.2% | Citations per 1000 | |
| | Passing through: | 90.8% | 18 + residents: | 4.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,555) | | | | ITP Stops ³ (N = 951) | | | |
|------------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.17 | | | | 36.88 | | | |
| Gender % | | | | Gender % | | | |
| Female 26.0% | | | | Female 24.7% | | | |
| Male 73.8% | | | | Male 75.1% | | | |
| Non-binary 0.2% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 36.5% | | | | AA/Black 37.0% | | | |
| Hispanic 14.0% | | | | Hispanic 10.6% | | | |
| White 40.8% | | | | White 44.1% | | | |
| Other 8.6% | | | | Other 8.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 36.5% | 25.2% | 11.3% | AA/Black | 36.5% | 14.5% | 22.0% |
| Hispanic | 14.0% | 19.8% | -5.8% | Hispanic | 14.0% | 15.2% | -1.2% |
| White | 40.8% | 44.5% | -3.7% | White | 40.8% | 65.1% | -24.3% |
| Other | 8.6% | 15.4% | -6.8% | Other | 8.6% | 5.2% | 3.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,122 | 52.3% | 68.1% | NW | 339 | 53.7% | 56.7% |
| White | 789 | 47.7% | 31.9% | White | 280 | 46.3% | 43.3% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .482 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .497* | sig. | Odds ratio Exp(B) ⁷ : | | .800 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 79.1% | 15.6% | 4.9% | 0.4% | NW | 4 | N/A |
| Hispanic | 77.5% | 20.5% | 2.0% | 0.0% | White | 2 | N/A |
| White | 86.0% | 12.2% | 1.7% | 0.1% | | | |
| Other | 88.2% | 11.8% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT D-14

| Total Citations ¹ : 316 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 15.7% | Citations per 1000 | |
| | Passing through: | 84.3% | 18 + residents: | 0.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 280) | | | | ITP Stops ³ (N = 135) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.06 | | | | 37.32 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.5% | | | | Female 32.1% | | | |
| Male 69.5% | | | | Male 67.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 8.6% | | | | Race % Mis/Unk ⁴ 8.9% | | | |
| AA/Black 20.3% | | | | AA/Black 18.7% | | | |
| Hispanic 12.1% | | | | Hispanic 7.3% | | | |
| White 55.9% | | | | White 65.9% | | | |
| Other 11.7% | | | | Other 8.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 20.3% | 25.2% | -4.9% | AA/Black | 20.3% | 14.5% | 5.8% |
| Hispanic | 12.1% | 19.8% | -7.7% | Hispanic | 12.1% | 15.2% | -3.1% |
| White | 55.9% | 44.5% | 11.4% | White | 55.9% | 65.1% | -9.2% |
| Other | 11.7% | 15.4% | -3.7% | Other | 11.7% | 5.2% | 6.5% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|---|-----|--------------|--------------|---|----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 99 | 41.6% | 48.6% | NW | 40 | 28.4% | 46.7% |
| White | 127 | 58.4% | 51.4% | White | 72 | 71.6% | 53.3% |
| Chi-square, X-tab ⁶ : .319 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .047* <i>sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .880 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .265 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 73.7% | 17.5% | 8.8% | 0.0% | NW | 4 | N/A |
| Hispanic | 86.1% | 11.1% | 2.8% | 0.0% | White | 0 | N/A |
| White | 79.7% | 17.7% | 2.5% | 0.0% | | | |
| Other | 78.8% | 18.2% | 3.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .457 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT E-5

| Total Citations ¹ : 3,654 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 17.7% | Citations per 1000 | |
| | Passing through: | 82.3% | 18 + residents: | 6.3 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,612) | | | | ITP Stops ³ (N = 1,184) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 43.62 | | | | 44.69 | | | |
| Gender % | | | | Gender % | | | |
| Female 50.9% | | | | Female 47.7% | | | |
| Male 49.1% | | | | Male 52.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.3% | | | | Race % Mis/Unk ⁴ 6.2% | | | |
| AA/Black 29.4% | | | | AA/Black 26.6% | | | |
| Hispanic 19.5% | | | | Hispanic 16.1% | | | |
| White 47.0% | | | | White 51.0% | | | |
| Other 4.1% | | | | Other 6.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 29.4% | 25.2% | 4.2% | AA/Black | 29.4% | 14.5% | 14.9% |
| Hispanic | 19.5% | 19.8% | -0.3% | Hispanic | 19.5% | 15.2% | 4.3% |
| White | 47.0% | 44.5% | 2.5% | White | 47.0% | 65.1% | -18.1% |
| Other | 4.1% | 15.4% | -11.3% | Other | 4.1% | 5.2% | -1.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,725 | 53.7% | 50.3% | NW | 505 | 50.2% | 48.6% |
| White | 1,512 | 46.3% | 49.7% | White | 508 | 49.8% | 51.4% |
| Chi-square, X-tab ⁶ : .205 not sig. | | | | Chi-square, X-tab ⁶ : .677 not sig. | | | |
| Odds ratio Exp(B) ⁷ : 1.119 not sig. | | | | Odds ratio Exp(B) ⁷ : .914 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|-------------|-------------|-------|----------|------------|
| AA/Black | 95.3% | 4.0% | 0.7% | 0.0% | NW | 2 | N/A |
| Hispanic | 92.7% | 5.1% | 1.8% | 0.4% | White | 0 | N/A |
| White | 96.2% | 2.9% | 1.0% | 0.0% | | | |
| Other | 97.2% | 2.8% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .001* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT E-13

| Total Citations ¹ : 466 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 12.9% | Citations per 1000 | |
| | Passing through: | 87.1% | 18 + residents: | 0.8 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 425) | | | | ITP Stops ³ (N = 267) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.04 | | | | 37.11 | | | |
| Gender % | | | | Gender % | | | |
| Female 41.7% | | | | Female 42.6% | | | |
| Male 58.3% | | | | Male 57.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 8.0% | | | | Race % Mis/Unk ⁴ 5.6% | | | |
| AA/Black 38.9% | | | | AA/Black 36.5% | | | |
| Hispanic 32.7% | | | | Hispanic 38.1% | | | |
| White 24.8% | | | | White 22.2% | | | |
| Other 3.6% | | | | Other 3.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 38.9% | 25.2% | 13.7% | AA/Black | 38.9% | 14.5% | 24.4% |
| Hispanic | 32.7% | 19.8% | 12.9% | Hispanic | 32.7% | 15.2% | 17.5% |
| White | 24.8% | 44.5% | -19.7% | White | 24.8% | 65.1% | -40.3% |
| Other | 3.6% | 15.4% | -11.8% | Other | 3.6% | 5.2% | -1.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 271 | 74.5% | 75.0% | NW | 181 | 78.1% | 75.9% |
| White | 92 | 25.5% | 25.0% | White | 53 | 21.9% | 24.1% |
| Chi-square, X-tab ⁶ : | | .926 | not sig. | Chi-square, X-tab ⁶ : | | .715 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .978 | not sig. | Odds ratio Exp(B) ⁷ : | | 1.096 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 74.4% | 9.5% | 14.9% | 1.2% | NW | 6 | N/A |
| Hispanic | 81.2% | 12.0% | 6.8% | 0.0% | White | 2 | N/A |
| White | 68.5% | 18.0% | 13.5% | 0.0% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | | | .037* sig. | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT DISTRICT E-18

| Total Citations ¹ : 2,426 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|--------------|-----------------------------------|------------|
| | Intown motorist: | 34.2% | Citations per 1000 | |
| | Passing through: | 65.8% | 18 + residents: | 4.2 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 2,321) | | | | ITP Stops ³ (N = 1,496) | | | |
|------------------------------------|--|--|--|------------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.34 | | | | 37.82 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.1% | | | | Female 38.1% | | | |
| Male 61.9% | | | | Male 61.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ | | | | Race % Mis/Unk ⁴ | | | |
| AA/Black 54.8% | | | | AA/Black 55.4% | | | |
| Hispanic 23.9% | | | | Hispanic 24.6% | | | |
| White 19.5% | | | | White 18.1% | | | |
| Other 1.8% | | | | Other 1.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|---------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 54.8% | 25.2% | 29.6% | AA/Black | 54.8% | 14.5% | 40.3% |
| Hispanic | 23.9% | 19.8% | 4.1% | Hispanic | 23.9% | 15.2% | 8.7% |
| White | 19.5% | 44.5% | -25.0% | White | 19.5% | 65.1% | -45.6% |
| Other | 1.8% | 15.4% | -13.6% | Other | 1.8% | 5.2% | -3.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,657 | 80.1% | 81.1% | NW | 1,084 | 82.4% | 77.7% |
| White | 405 | 19.9% | 18.9% | White | 249 | 17.6% | 22.3% |
| Chi-square, X-tab ⁶ : .615 not sig. | | | | Chi-square, X-tab ⁶ : .070 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .937 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.596* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 81.3% | 11.3% | 7.0% | 0.5% | NW | 5 | N/A |
| Hispanic | 78.9% | 16.1% | 4.8% | 0.2% | White | 0 | N/A |
| White | 86.5% | 9.3% | 4.1% | 0.2% | | | |
| Other | 92.7% | 7.3% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .004* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BOSTON POLICE DEPARTMENT SPECIAL OPERATIONS

| Total Citations ¹ : 4,999 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | 8.6 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,919) | | | | ITP Stops ³ (N = 1,257) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 41.46 | | | | 40.86 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.6% | | | | Female 31.5% | | | |
| Male 66.2% | | | | Male 68.1% | | | |
| Non-binary 0.2% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 17.0% | | | | Race % Mis/Unk ⁴ 11.9% | | | |
| AA/Black 26.6% | | | | AA/Black 28.2% | | | |
| Hispanic 14.3% | | | | Hispanic 8.8% | | | |
| White 48.0% | | | | White 49.0% | | | |
| Other 11.0% | | | | Other 14.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 26.6% | 25.2% | 1.4% | AA/Black | 26.6% | 14.5% | 12.1% |
| Hispanic | 14.3% | 19.8% | -5.5% | Hispanic | 14.3% | 15.2% | -0.9% |
| White | 48.0% | 44.5% | 3.5% | White | 48.0% | 65.1% | -17.1% |
| Other | 11.0% | 15.4% | -4.4% | Other | 11.0% | 5.2% | 5.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,924 | 51.5% | 52.9% | NW | 499 | 48.4% | 53.0% |
| White | 1,796 | 48.5% | 47.1% | White | 489 | 51.6% | 47.0% |
| Chi-square, X-tab ⁶ : .535 not sig. | | | | Chi-square, X-tab ⁶ : .153 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .953 not sig. | | | | Odds ratio Exp(B) ⁷ : .868 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|-------------|-------------|-------|----------|------------|
| AA/Black | 86.8% | 9.2% | 4.0% | 0.0% | NW | 1 | N/A |
| Hispanic | 90.8% | 9.0% | 0.2% | 0.0% | White | 2 | N/A |
| White | 90.9% | 8.2% | 0.9% | 0.1% | | | |
| Other | 90.6% | 9.2% | 0.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

ALL BOSTON POLICE DEPARTMENT

| Total Citations ¹ : 28,854 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|--------------|-----------------------------------|-------------|
| | Intown motorist: | 21.2% | Citations per 1000 | |
| | Passing through: | 78.8% | 18 + residents: | 49.5 |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 28,854) | | | | ITP Stops ³ (N = 9,886) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.01 | | | | 39.36 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.6% | | | | Female 35.7% | | | |
| Male 64.3% | | | | Male 64.2% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 12.3% | | | | Race % Mis/Unk ⁴ 12.8% | | | |
| AA/Black 35.7% | | | | AA/Black 37.2% | | | |
| Hispanic 17.8% | | | | Hispanic 16.4% | | | |
| White 39.7% | | | | White 39.5% | | | |
| Other 6.8% | | | | Other 6.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|--------------|--------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 35.7% | 25.2% | 10.5% | AA/Black | 35.7% | 14.5% | 21.2% |
| Hispanic | 17.8% | 19.8% | -2.0% | Hispanic | 17.8% | 15.2% | 2.6% |
| White | 39.7% | 44.5% | -4.8% | White | 39.7% | 65.1% | -25.4% |
| Other | 6.8% | 15.4% | -8.6% | Other | 6.8% | 5.2% | 1.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|--------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 13,357 | 56.5% | 69.2% | NW | 4,659 | 60.0% | 60.7% |
| White | 8,924 | 43.5% | 30.8% | White | 3,082 | 40.0% | 39.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .564 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .571* sig. | | | | Odds ratio Exp(B) ⁷ : .989 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|-----------|--------------|
| AA/Black | 80.6% | 10.6% | 8.3% | 0.4% | NW | 82 | 76.6% |
| Hispanic | 83.6% | 11.9% | 4.2% | 0.3% | White | 25 | 23.4% |
| White | 89.4% | 7.8% | 2.7% | 0.1% | | | |
| Other | 89.8% | 9.0% | 1.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS STATE POLICE

2022 Massachusetts State Police Troop Boundaries⁴⁰

State Police Troop A-1: Andover, Dracut, Dunstable, Lawrence, Lowell, Methuen, North Andover, North Reading, Reading, Tewksbury, Tyngsborough, and Wilmington

State Police Troop A-2: Amesbury, Boxford, Georgetown, Groveland, Hamilton, Haverhill, Ipswich, Merrimac, Newbury, Newburyport, Rowley, Salisbury, Topsfield, and West Newbury

State Police Troop A-3: Acton, Bedford, Billerica, Boxborough, Carlisle, Chelmsford, Concord, Lexington, Lincoln, Littleton, Maynard, Stow, and Westford

State Police Troop A-4: Arlington, Burlington, Everett, Malden, Medford, Melrose, Somerville, Stoneham, Winchester, and Woburn

State Police Troop A-5: Chelsea, East Boston, Lynn, Revere and Winthrop

State Police Troop A-6: Beverly, Danvers, Essex, Gloucester, Lynnfield, Manchester, Marblehead, Middleton, Peabody, Rockport, Salem, Saugus, Swampscott, Wakefield, and Wenham

State Police Troop B-1: Alford, Lee, New Marlborough, Sheffield, Becket, Lenox, Otis, Stockbridge, Egremont, Monterey, Richmond, Tyringham, Great Barrington, Mount Washington, Sandisfield, and West Stockbridge

State Police Troop B-2: Ashfield, Bernardston, Buckland, Charlemont, Colrain, Conway, Deerfield, Gill, Greenfield, Hawley, Heath, Leyden, Monroe, Montague, Northfield, Rowe, and Shelburne

State Police Troop B-3: Agawam, Chicopee, East Longmeadow, Hampden, Longmeadow, Ludlow, Springfield, West Springfield, and Wilbraham

State Police Troop B-4: Adams, Cheshire, Clarksburg, Dalton, Florida, Hancock, Hinsdale, Lanesborough, New Ashford, North Adams, Peru, Pittsfield, Savoy, Washington, Williamstown, and Windsor

State Police Troop B-5: Blandford, Chester, Granville, Huntington, Middlefield, Montgomery, Russell, Southwick, Tolland, Westfield, and Worthington

State Police Troop B-6: Amherst, Chesterfield, Cummington, Easthampton, Goshen, Hadley, Hatfield, Holyoke, Leverett, Northampton, Plainfield, Southampton, South Hadley, Sunderland, Westhampton, Whately, and Williamsburg

⁴⁰Massachusetts State Police Troop boundary information obtained from: <https://www.mass.gov/info-details/massachusetts-state-police-troop-boundaries>

State Police Troop B-8: Responsible for patrolling the western most section of the Massachusetts Turnpike from the Ludlow-Chicopee town line to the New York State border.

State Police Troop C-1: Athol, Ashburnham, Erving, Gardner, Hubbardston, New Salem, Orange, Petersham, Phillipston, Royalston, Templeton, Warwick, Wendell, Westminster and Winchendon

State Police Troop C-2: Bellingham, Blackstone, Douglas, Grafton, Hopedale, Hopkinton, Marlborough, Mendon, Milford, Millbury, Millville, Northborough, Northbridge, Shrewsbury, Southborough, Sutton, Upton, Uxbridge and Westborough

State Police Troop C-3: Barre, Brookfield, East Brookfield, Leicester, New Braintree, North Brookfield, Oakham, Paxton, Spencer, Warren and West Brookfield

State Police Troop C-4: Ashby, Ayer, Berlin, Bolton, Fitchburg, Groton, Harvard, Hudson, Lancaster, Leominster, Lunenburg, Pepperell, Shirley and Townsend

State Police Troop C-5: Auburn, Brimfield, Charlton, Dudley, Holland, Monson, Oxford, Palmer, Southbridge, Sturbridge, Wales and Webster

State Police Troop C-6: Boylston, Clinton, Holden, Princeton, Rutland, Sterling, West Boylston and Worcester

State Police Troop C-7: Belchertown, Granby, Hardwick, Pelham, Shutesbury and Ware

State Police Troop C-9: Devens Commerce Center (near Ayer)

State Police Troop C-10: **No info available**

State Police Troop D-1: Abington, Cohasset, Duxbury, Hanover, Hanson, Hingham, Hull, North Kingston, North Marshfield, Norwell, Pembroke, Rockland, Scituate, Weymouth and Whitman

State Police Troop D-2: Barnstable, Brewster, Chatham, Dennis, Eastham, Harwich, Orleans, Provincetown, Truro, Wellfleet and Yarmouth

State Police Troop D-3: Acushnet, Dartmouth, Fairhaven, Fall River, Freetown, New Bedford, Somerset, Swansea and Westport

State Police Troop D-4: Berkley, Bridgewater, Brockton, Carver, Dighton, East Bridgewater, Easton, Halifax, Lakeville, Middleborough, Plympton, Raynham, Rehoboth, Seekonk, Taunton and West Bridgewater

State Police Troop D-6: Chilmark, Edgartown, Gay Head, Gosnold, Oak Bluffs and West Tisbury

State Police Troop D-7: Island of Nantucket

State Police Troop F: Logan Airport

State Police Troop H-2: The primary and high profile patrol area for SP Framingham is the Route 128 beltway around Boston, known as the Yankee Highway.

State Police Troop H-3: Their jurisdiction lies in several areas. It extends to the south on Route 95 to the Rhode Island border and on Route 495 to the Norton town line (this is Troop D). The barracks's boundaries then extend to the north on Route 95 to the Route 128/93 Interchange in Canton, and to the west on Route 495 to the Bellingham town line.

State Police Troop H-4: Station H-4, SP Boston Barracks is located at a major intersection which links Boston with the western suburbs and many other major interstate highways.

State Police Troop H-5: Station H-5, SP Brighton Barracks, patrols mostly DCR and state roadways and parks along the Charles River in the Boston and Cambridge areas.

State Police Troop H-6: Station H-6, SP South Boston Barracks shares the building complex with H Troop Headquarters on Day Boulevard at the head of Carson Beach in South Boston.

State Police Troop H-7: Station H-7, SP Milton Barracks is located at the foot of the Blue Hills Reservation, which includes Houghton's Pond, the Blue Hills Observatory, Chickatawbut Overlook, the Blue Hills Ski Area and the Trailside Museum.

State Police Troop H-8: SP Weston provides coverage up to the Allston-Brighton tolls on the Boston Extension and the Tunnel Division, or H-9, maintains jurisdiction for the remainder of Route 90 east of IC-19.

State Police Troop H-9: The Tunnels barracks covers 45 miles of highways, including all Big Dig roadways and the intricate system of highways, tunnels, ramps and connectors.

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE ACADEMY

| Total Citations ¹ : 824 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 780) | | | | ITP Stops ³ (N = 257) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.51 | | | | 36.69 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.2% | | | | Female 32.8% | | | |
| Male 68.6% | | | | Male 67.2% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | Race % Mis/Unk ⁴ 0.0% | | | |
| AA/Black 16.2% | | | | AA/Black 16.3% | | | |
| Hispanic 20.6% | | | | Hispanic 19.1% | | | |
| White 58.0% | | | | White 59.5% | | | |
| Other 5.3% | | | | Other 5.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 16.2% | N/A | N/A | AA/Black | 16.2% | 14.5% | 1.7% |
| Hispanic | 20.6% | N/A | N/A | Hispanic | 20.6% | 15.2% | 5.4% |
| White | 58.0% | N/A | N/A | White | 58.0% | 65.1% | -7.1% |
| Other | 5.3% | N/A | N/A | Other | 5.3% | 5.2% | 0.1% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

| VoD Analyses | | | | | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 315 | 38.4% | 50.0% | NW | 99 | 41.5% | 39.3% |
| White | 431 | 61.6% | 50.0% | White | 144 | 58.5% | 60.7% |
| Chi-square, X-tab ⁶ : .003* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .737 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .729 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.300 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 50.8% | 30.3% | 12.9% | 6.1% | NW | 6 | N/A |
| Hispanic | 55.2% | 23.0% | 15.8% | 6.1% | White | 9 | N/A |
| White | 62.6% | 30.1% | 6.0% | 1.3% | | | |
| Other | 45.0% | 47.5% | 7.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE COMMERCIAL VEHICLE ENFORCEMENT

| Total Citations ¹ : 5,472 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,411) | | | | ITP Stops ³ (N = 1,797) | | | |
|--|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.81 | | | | 38.22 | | | |
| Gender % | | | | Gender % | | | |
| Female 14.8% | | | | Female 15.4% | | | |
| Male 85.2% | | | | Male 84.5% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 41.0% | | | | Race % Mis/Unk ⁴ 34.3% | | | |
| AA/Black 14.9% | | | | AA/Black 16.0% | | | |
| Hispanic 20.9% | | | | Hispanic 21.9% | | | |
| White 60.3% | | | | White 57.7% | | | |
| Other 3.9% | | | | Other 4.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.9% | N/A | N/A | AA/Black | 14.9% | 14.5% | 0.4% |
| Hispanic | 20.9% | N/A | N/A | Hispanic | 20.9% | 15.2% | 5.7% |
| White | 60.3% | N/A | N/A | White | 60.3% | 65.1% | -4.8% |
| Other | 3.9% | N/A | N/A | Other | 3.9% | 5.2% | -1.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,227 | 39.4% | 43.0% | NW | 458 | 43.4% | 41.4% |
| White | 1,853 | 60.6% | 57.0% | White | 610 | 46.6% | 58.6% |
| Chi-square, X-tab ⁶ : .160 not sig. | | | | Chi-square, X-tab ⁶ : .564 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .915 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.291 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 58.2% | 36.0% | 5.0% | 0.8% | NW | 1 | N/A |
| Hispanic | 42.2% | 46.0% | 9.9% | 1.9% | White | 2 | N/A |
| White | 56.8% | 39.0% | 3.4% | 0.8% | | | |
| Other | 49.6% | 48.0% | 2.4% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE COMMUNITY ACTION

| Total Citations ¹ : 1,161 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,140) | | | | ITP Stops ³ (N = 517) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.75 | | | | 33.37 | | | |
| Gender % | | | | Gender % | | | |
| Female 24.4% | | | | Female 24.4% | | | |
| Male 75.4% | | | | Male 75.6% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 4.3% | | | | Race % Mis/Unk ⁴ 4.8% | | | |
| AA/Black 34.4% | | | | AA/Black 39.2% | | | |
| Hispanic 14.8% | | | | Hispanic 13.6% | | | |
| White 45.9% | | | | White 42.9% | | | |
| Other 4.9% | | | | Other 4.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 34.4% | N/A | N/A | AA/Black | 34.4% | 14.5% | 19.9% |
| Hispanic | 14.8% | N/A | N/A | Hispanic | 14.8% | 15.2% | -0.4% |
| White | 45.9% | N/A | N/A | White | 45.9% | 65.1% | -19.2% |
| Other | 4.9% | N/A | N/A | Other | 4.9% | 5.2% | -0.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 559 | 48.2% | 61.2% | NW | 251 | 53.6% | 61.1% |
| White | 485 | 51.8% | 38.8% | White | 195 | 46.4% | 38.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .127 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .570* sig. | | | | Odds ratio Exp(B) ⁷ : .558* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|-----------|------------|
| AA/Black | 79.2% | 13.5% | 5.7% | 1.6% | NW | 28 | N/A |
| Hispanic | 75.9% | 14.5% | 9.0% | 0.6% | White | 3 | N/A |
| White | 73.2% | 22.4% | 3.4% | 1.0% | | | |
| Other | 64.9% | 24.6% | 5.3% | 5.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE MOTORCYCLE SECTION

| Total Citations ¹ : 1,456 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,450) | | | | ITP Stops ³ (N = 343) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.08 | | | | 37.13 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.3% | | | | Female 34.2% | | | |
| Male 64.7% | | | | Male 65.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.9% | | | | Race % Mis/Unk ⁴ 1.5% | | | |
| AA/Black 17.5% | | | | AA/Black 17.2% | | | |
| Hispanic 16.8% | | | | Hispanic 18.6% | | | |
| White 58.5% | | | | White 58.0% | | | |
| Other 7.2% | | | | Other 6.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 17.5% | N/A | N/A | AA/Black | 17.5% | 14.5% | 3.0% |
| Hispanic | 16.8% | N/A | N/A | Hispanic | 16.8% | 15.2% | 1.6% |
| White | 58.5% | N/A | N/A | White | 58.5% | 65.1% | -6.6% |
| Other | 7.2% | N/A | N/A | Other | 7.2% | 5.2% | 2.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 583 | 40.1% | 53.8% | NW | 128 | 41.2% | 44.4% |
| White | 822 | 59.9% | 46.2% | White | 178 | 58.8% | 55.6% |
| Chi-square, X-tab ⁶ : .002* sig. | | | | Chi-square, X-tab ⁶ : .637 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .595* sig. | | | | Odds ratio Exp(B) ⁷ : .751 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 73.1% | 22.9% | 3.6% | 0.4% | NW | 0 | N/A |
| Hispanic | 55.6% | 39.1% | 5.3% | 0.0% | White | 0 | N/A |
| White | 81.9% | 16.9% | 1.2% | 0.0% | | | |
| Other | 74.0% | 22.1% | 3.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE GENERAL HEADQUARTERS

| Total Citations ¹ : 3,874 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,768) | | | | ITP Stops ³ (N = 1,384) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.97 | | | | 35.97 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.6% | | | | Female 31.6% | | | |
| Male 68.4% | | | | Male 68.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.3% | | | | Race % Mis/Unk ⁴ 2.2% | | | |
| AA/Black 14.3% | | | | AA/Black 12.3% | | | |
| Hispanic 18.8% | | | | Hispanic 18.7% | | | |
| White 60.7% | | | | White 62.6% | | | |
| Other 6.2% | | | | Other 6.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.3% | N/A | N/A | AA/Black | 14.3% | 14.5% | -0.2% |
| Hispanic | 18.8% | N/A | N/A | Hispanic | 18.8% | 15.2% | 3.6% |
| White | 60.7% | N/A | N/A | White | 60.7% | 65.1% | -4.4% |
| Other | 6.2% | N/A | N/A | Other | 6.2% | 5.2% | 1.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,360 | 35.7% | 45.7% | NW | 458 | 36.9% | 36.2% |
| White | 2,138 | 64.3% | 54.3% | White | 790 | 63.1% | 63.8% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .821 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .673* | sig. | Odds ratio Exp(B) ⁷ : | | 1.120 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 38.3% | 48.6% | 12.5% | 0.6% | NW | 7 | N/A |
| Hispanic | 34.3% | 48.8% | 14.7% | 2.2% | White | 3 | N/A |
| White | 46.5% | 47.2% | 5.4% | 0.9% | | | |
| Other | 43.6% | 49.1% | 5.6% | 1.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A HEADQUARTERS

| Total Citations ¹ : 3,542 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,494) | | | | ITP Stops ³ (N = 1,436) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.6 | | | | 37 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.8% | | | | Female 29.9% | | | |
| Male 69.2% | | | | Male 70.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.8% | | | | Race % Mis/Unk ⁴ 2.2% | | | |
| AA/Black 10.5% | | | | AA/Black 8.5% | | | |
| Hispanic 21.8% | | | | Hispanic 22.5% | | | |
| White 62.1% | | | | White 63.9% | | | |
| Other 5.6% | | | | Other 5.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.5% | N/A | N/A | AA/Black | 10.5% | 14.5% | -4.0% |
| Hispanic | 21.8% | N/A | N/A | Hispanic | 21.8% | 15.2% | 6.6% |
| White | 62.1% | N/A | N/A | White | 62.1% | 65.1% | -3.0% |
| Other | 5.6% | N/A | N/A | Other | 5.6% | 5.2% | 0.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,233 | 38.0% | 37.0% | NW | 451 | 36.3% | 34.2% |
| White | 2,035 | 62.0% | 63.0% | White | 811 | 63.7% | 65.8% |
| Chi-square, X-tab ⁶ : .632 not sig. | | | | Chi-square, X-tab ⁶ : .481 not sig. | | | |
| Odds ratio Exp(B) ⁷ : 1.011 not sig. | | | | Odds ratio Exp(B) ⁷ : .882 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|-----------|------------|
| AA/Black | 57.2% | 35.5% | 5.7% | 1.6% | NW | 8 | N/A |
| Hispanic | 52.8% | 36.0% | 8.4% | 2.8% | White | 10 | N/A |
| White | 64.3% | 30.6% | 4.1% | 1.0% | | | |
| Other | 69.4% | 30.1% | 0.0% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A-1

| Total Citations ¹ : 7,198 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 6,331) | | | | ITP Stops ³ (N = 1,972) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.67 | | | | 36.17 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.2% | | | | Female 28.2% | | | |
| Male 70.8% | | | | Male 71.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.8% | | | | Race % Mis/Unk ⁴ 0.5% | | | |
| AA/Black 11.1% | | | | AA/Black 9.5% | | | |
| Hispanic 30.3% | | | | Hispanic 28.7% | | | |
| White 52.2% | | | | White 55.3% | | | |
| Other 6.4% | | | | Other 6.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.1% | N/A | N/A | AA/Black | 11.1% | 14.5% | -3.4% |
| Hispanic | 30.3% | N/A | N/A | Hispanic | 30.3% | 15.2% | 15.1% |
| White | 52.2% | N/A | N/A | White | 52.2% | 65.1% | -12.9% |
| Other | 6.4% | N/A | N/A | Other | 6.4% | 5.2% | 1.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,891 | 41.8% | 54.6% | NW | 773 | 42.4% | 47.2% |
| White | 3,161 | 58.2% | 45.4% | White | 971 | 57.6% | 52.8% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .046* sig. | | | |
| Odds ratio Exp(B) ⁷ : .612* sig. | | | | Odds ratio Exp(B) ⁷ : .933 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 66.2% | 22.7% | 7.2% | 3.9% | NW | 22 | N/A |
| Hispanic | 62.1% | 22.8% | 12.4% | 2.8% | White | 28 | N/A |
| White | 68.1% | 24.3% | 5.2% | 2.5% | | | |
| Other | 64.0% | 27.3% | 5.8% | 2.9% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A-2

| Total Citations ¹ : 7,867 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,558) | | | | ITP Stops ³ (N = 2,542) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.85 | | | | 36.4 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.0% | | | | Female 30.7% | | | |
| Male 68.0% | | | | Male 69.2% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.8% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 6.8% | | | | AA/Black 5.7% | | | |
| Hispanic 17.3% | | | | Hispanic 17.3% | | | |
| White 71.8% | | | | White 73.8% | | | |
| Other 4.0% | | | | Other 3.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 6.8% | N/A | N/A | AA/Black | 6.8% | 14.5% | -7.7% |
| Hispanic | 17.3% | N/A | N/A | Hispanic | 17.3% | 15.2% | 2.1% |
| White | 71.8% | N/A | N/A | White | 71.8% | 65.1% | 6.7% |
| Other | 4.0% | N/A | N/A | Other | 4.0% | 5.2% | -1.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,001 | 23.2% | 36.9% | NW | 567 | 24.8% | 27.8% |
| White | 5,106 | 76.8% | 63.1% | White | 1,624 | 75.2% | 72.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .120 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .502* sig. | | | | Odds ratio Exp(B) ⁷ : .683* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 58.1% | 27.9% | 10.1% | 3.8% | NW | 11 | N/A |
| Hispanic | 57.9% | 22.4% | 16.8% | 2.9% | White | 26 | N/A |
| White | 66.7% | 27.0% | 4.6% | 1.7% | | | |
| Other | 64.8% | 30.6% | 4.2% | 0.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A-3

| Total Citations ¹ : 6,478 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,977) | | | | ITP Stops ³ (N = 2,058) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.05 | | | | 34.78 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.8% | | | | Female 29.1% | | | |
| Male 70.0% | | | | Male 70.7% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 6.1% | | | | Race % Mis/Unk ⁴ 5.1% | | | |
| AA/Black 15.7% | | | | AA/Black 12.1% | | | |
| Hispanic 17.1% | | | | Hispanic 18.7% | | | |
| White 56.8% | | | | White 59.1% | | | |
| Other 10.4% | | | | Other 10.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 15.7% | N/A | N/A | AA/Black | 15.7% | 14.5% | 1.2% |
| Hispanic | 17.1% | N/A | N/A | Hispanic | 17.1% | 15.2% | 1.9% |
| White | 56.8% | N/A | N/A | White | 56.8% | 65.1% | -8.3% |
| Other | 10.4% | N/A | N/A | Other | 10.4% | 5.2% | 5.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,335 | 38.8% | 48.8% | NW | 715 | 40.5% | 41.0% |
| White | 3,069 | 61.2% | 51.2% | White | 1,045 | 59.5% | 59.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .828 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .634* sig. | | | | Odds ratio Exp(B) ⁷ : .955 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 68.3% | 22.9% | 7.2% | 1.6% | NW | 10 | N/A |
| Hispanic | 59.0% | 23.7% | 14.7% | 2.7% | White | 9 | N/A |
| White | 70.4% | 23.9% | 4.2% | 1.5% | | | |
| Other | 69.8% | 24.8% | 4.2% | 1.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A-4

| Total Citations ¹ : 4,577 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,904) | | | | ITP Stops ³ (N = 1,036) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.17 | | | | 37.59 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.5% | | | | Female 27.7% | | | |
| Male 72.4% | | | | Male 72.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.8% | | | | Race % Mis/Unk ⁴ 1.5% | | | |
| AA/Black 19.3% | | | | AA/Black 15.1% | | | |
| Hispanic 27.4% | | | | Hispanic 26.6% | | | |
| White 43.9% | | | | White 49.2% | | | |
| Other 9.4% | | | | Other 9.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 19.3% | N/A | N/A | AA/Black | 19.3% | 14.5% | 4.8% |
| Hispanic | 27.4% | N/A | N/A | Hispanic | 27.4% | 15.2% | 12.2% |
| White | 43.9% | N/A | N/A | White | 43.9% | 65.1% | -21.2% |
| Other | 9.4% | N/A | N/A | Other | 9.4% | 5.2% | 4.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,101 | 49.2% | 64.2% | NW | 468 | 46.8% | 55.6% |
| White | 1,643 | 50.8% | 35.8% | White | 465 | 53.2% | 44.4% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .009* sig. | | | |
| Odds ratio Exp(B) ⁷ : .548* sig. | | | | Odds ratio Exp(B) ⁷ : .715 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 68.7% | 19.6% | 9.8% | 1.9% | NW | 3 | N/A |
| Hispanic | 60.1% | 21.1% | 16.6% | 2.2% | White | 2 | N/A |
| White | 77.7% | 15.9% | 5.2% | 1.2% | | | |
| Other | 72.7% | 20.9% | 5.4% | 0.9% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A-5

| Total Citations ¹ : 6,101 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,620) | | | | ITP Stops ³ (N = 1,685) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.43 | | | | 36.27 | | | |
| Gender % | | | | Gender % | | | |
| Female 26.7% | | | | Female 27.9% | | | |
| Male 73.3% | | | | Male 72.1% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.5% | | | | Race % Mis/Unk ⁴ 2.4% | | | |
| AA/Black 16.7% | | | | AA/Black 14.0% | | | |
| Hispanic 42.2% | | | | Hispanic 38.4% | | | |
| White 35.1% | | | | White 41.6% | | | |
| Other 5.9% | | | | Other 6.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 16.7% | N/A | N/A | AA/Black | 16.7% | 14.5% | 2.2% |
| Hispanic | 42.2% | N/A | N/A | Hispanic | 42.2% | 15.2% | 27.0% |
| White | 35.1% | N/A | N/A | White | 35.1% | 65.1% | -30.0% |
| Other | 5.9% | N/A | N/A | Other | 5.9% | 5.2% | 0.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 3,418 | 58.0% | 71.3% | NW | 871 | 57.5% | 60.2% |
| White | 1,836 | 42.0% | 28.7% | White | 620 | 42.5% | 39.8% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .321 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .560* sig. | | | | Odds ratio Exp(B) ⁷ : .967 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 68.3% | 15.8% | 14.1% | 1.9% | NW | 29 | N/A |
| Hispanic | 56.7% | 16.5% | 22.5% | 4.3% | White | 12 | N/A |
| White | 70.0% | 17.7% | 10.0% | 2.3% | | | |
| Other | 68.5% | 17.6% | 11.9% | 2.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP A-6

| Total Citations ¹ : 8,720 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,577) | | | | ITP Stops ³ (N = 1,926) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.27 | | | | 37.66 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.0% | | | | Female 28.6% | | | |
| Male 70.0% | | | | Male 71.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 3.8% | | | | Race % Mis/Unk ⁴ 3.2% | | | |
| AA/Black 11.7% | | | | AA/Black 9.0% | | | |
| Hispanic 19.8% | | | | Hispanic 19.4% | | | |
| White 62.6% | | | | White 66.5% | | | |
| Other 5.9% | | | | Other 5.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.7% | N/A | N/A | AA/Black | 11.7% | 14.5% | -2.8% |
| Hispanic | 19.8% | N/A | N/A | Hispanic | 19.8% | 15.2% | 4.6% |
| White | 62.6% | N/A | N/A | White | 62.6% | 65.1% | -2.5% |
| Other | 5.9% | N/A | N/A | Other | 5.9% | 5.2% | 0.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,650 | 30.1% | 45.1% | NW | 556 | 33.9% | 33.6% |
| White | 4,403 | 69.9% | 54.9% | White | 1,089 | 66.1% | 66.4% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .893 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .519* sig. | | | | Odds ratio Exp(B) ⁷ : 1.011 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 74.2% | 10.9% | 12.3% | 2.6% | NW | 2 | N/A |
| Hispanic | 61.0% | 11.8% | 22.0% | 5.2% | White | 8 | N/A |
| White | 76.2% | 13.2% | 7.3% | 3.3% | | | |
| Other | 79.4% | 14.4% | 4.0% | 2.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B HEADQUARTERS

| Total Citations ¹ : 4,922 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,855) | | | | ITP Stops ³ (N = 2,068) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.82 | | | | 36.17 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.5% | | | | Female 34.9% | | | |
| Male 63.5% | | | | Male 65.0% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.0% | | | | Race % Mis/Unk ⁴ 0.8% | | | |
| AA/Black 11.3% | | | | AA/Black 11.9% | | | |
| Hispanic 19.3% | | | | Hispanic 20.9% | | | |
| White 65.6% | | | | White 63.8% | | | |
| Other 3.8% | | | | Other 3.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.3% | N/A | N/A | AA/Black | 11.3% | 14.5% | -3.2% |
| Hispanic | 19.3% | N/A | N/A | Hispanic | 19.3% | 15.2% | 4.1% |
| White | 65.6% | N/A | N/A | White | 65.6% | 65.1% | 0.5% |
| Other | 3.8% | N/A | N/A | Other | 3.8% | 5.2% | -1.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,580 | 33.1% | 38.0% | NW | 679 | 36.0% | 36.4% |
| White | 3,029 | 66.9% | 62.0% | White | 1,199 | 64.0% | 63.6% |
| Chi-square, X-tab ⁶ : .002* sig. | | | | Chi-square, X-tab ⁶ : .875 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .739* sig. | | | | Odds ratio Exp(B) ⁷ : .706* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 40.5% | 41.7% | 14.9% | 2.9% | NW | 15 | N/A |
| Hispanic | 43.9% | 40.7% | 14.2% | 1.3% | White | 34 | N/A |
| White | 43.8% | 49.6% | 5.6% | 1.0% | | | |
| Other | 39.2% | 60.2% | 0.6% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-1

| Total Citations ¹ : 4,743 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,683) | | | | ITP Stops ³ (N = 1,488) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.51 | | | | 38.55 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.0% | | | | Female 36.4% | | | |
| Male 62.9% | | | | Male 63.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | Race % Mis/Unk ⁴ 1.9% | | | |
| AA/Black 11.2% | | | | AA/Black 10.4% | | | |
| Hispanic 11.4% | | | | Hispanic 10.0% | | | |
| White 73.0% | | | | White 75.7% | | | |
| Other 4.4% | | | | Other 3.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.2% | N/A | N/A | AA/Black | 11.2% | 14.5% | -3.3% |
| Hispanic | 11.4% | N/A | N/A | Hispanic | 11.4% | 15.2% | -3.8% |
| White | 73.0% | N/A | N/A | White | 73.0% | 65.1% | 7.9% |
| Other | 4.4% | N/A | N/A | Other | 4.4% | 5.2% | -0.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,194 | 26.0% | 29.3% | NW | 319 | 24.6% | 24.1% |
| White | 3,217 | 74.0% | 70.7% | White | 988 | 75.4% | 75.9% |
| Chi-square, X-tab ⁶ : .023* sig. | | | | Chi-square, X-tab ⁶ : .846 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .842* sig. | | | | Odds ratio Exp(B) ⁷ : 1.024 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 69.6% | 17.3% | 12.7% | 0.4% | NW | 1 | N/A |
| Hispanic | 61.3% | 22.1% | 15.1% | 1.5% | White | 7 | N/A |
| White | 77.1% | 17.9% | 4.3% | 0.7% | | | |
| Other | 77.5% | 21.0% | 1.5% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-2

| Total Citations ¹ : 4,517 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,391) | | | | ITP Stops ³ (N = 1,219) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.19 | | | | 36.04 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.4% | | | | Female 34.7% | | | |
| Male 62.3% | | | | Male 65.2% | | | |
| Non-binary 0.3% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ 1.7% | | | |
| AA/Black 8.5% | | | | AA/Black 6.8% | | | |
| Hispanic 9.3% | | | | Hispanic 12.0% | | | |
| White 78.8% | | | | White 78.2% | | | |
| Other 3.4% | | | | Other 3.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.5% | N/A | N/A | AA/Black | 8.5% | 14.5% | -6.0% |
| Hispanic | 9.3% | N/A | N/A | Hispanic | 9.3% | 15.2% | -5.9% |
| White | 78.8% | N/A | N/A | White | 78.8% | 65.1% | 13.7% |
| Other | 3.4% | N/A | N/A | Other | 3.4% | 5.2% | -1.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 880 | 18.1% | 27.9% | NW | 233 | 21.2% | 22.3% |
| White | 3,300 | 81.9% | 72.1% | White | 848 | 78.8% | 77.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .701 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .559* sig. | | | | Odds ratio Exp(B) ⁷ : .888 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 56.8% | 22.1% | 13.0% | 8.1% | NW | 10 | N/A |
| Hispanic | 56.0% | 21.3% | 17.7% | 5.0% | White | 29 | N/A |
| White | 72.0% | 20.4% | 4.5% | 3.1% | | | |
| Other | 61.7% | 31.5% | 4.7% | 2.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-3

| Total Citations ¹ : 7,861 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,499) | | | | ITP Stops ³ (N = 2,269) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.28 | | | | 35.26 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.0% | | | | Female 34.0% | | | |
| Male 63.9% | | | | Male 65.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 0.6% | | | |
| AA/Black 18.2% | | | | AA/Black 19.5% | | | |
| Hispanic 40.7% | | | | Hispanic 40.5% | | | |
| White 37.8% | | | | White 36.9% | | | |
| Other 3.3% | | | | Other 3.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 18.2% | N/A | N/A | AA/Black | 18.2% | 14.5% | 3.7% |
| Hispanic | 40.7% | N/A | N/A | Hispanic | 40.7% | 15.2% | 25.5% |
| White | 37.8% | N/A | N/A | White | 37.8% | 65.1% | -27.3% |
| Other | 3.3% | N/A | N/A | Other | 3.3% | 5.2% | -1.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 4,453 | 59.7% | 66.5% | NW | 1,289 | 63.2% | 63.5% |
| White | 2,691 | 40.3% | 33.5% | White | 747 | 36.8% | 36.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .918 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .772* sig. | | | | Odds ratio Exp(B) ⁷ : 1.048 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 54.7% | 23.4% | 18.3% | 3.5% | NW | 32 | N/A |
| Hispanic | 52.7% | 23.0% | 20.4% | 3.9% | White | 20 | N/A |
| White | 64.0% | 27.6% | 6.5% | 1.9% | | | |
| Other | 57.0% | 35.5% | 5.6% | 2.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-4

| Total Citations ¹ : 4,252 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,187) | | | | ITP Stops ³ (N = 1,338) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.9 | | | | 37.88 | | | |
| Gender % | | | | Gender % | | | |
| Female 39.2% | | | | Female 38.2% | | | |
| Male 60.7% | | | | Male 61.7% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 1.6% | | | |
| AA/Black 8.5% | | | | AA/Black 6.4% | | | |
| Hispanic 6.2% | | | | Hispanic 6.4% | | | |
| White 84.0% | | | | White 85.8% | | | |
| Other 1.3% | | | | Other 1.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.5% | N/A | N/A | AA/Black | 8.5% | 14.5% | -6.0% |
| Hispanic | 6.2% | N/A | N/A | Hispanic | 6.2% | 15.2% | -9.0% |
| White | 84.0% | N/A | N/A | White | 84.0% | 65.1% | 18.9% |
| Other | 1.3% | N/A | N/A | Other | 1.3% | 5.2% | -3.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 631 | 13.9% | 20.3% | NW | 160 | 13.3% | 14.9% |
| White | 3,317 | 86.1% | 79.7% | White | 985 | 86.7% | 85.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .421 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .651* sig. | | | | Odds ratio Exp(B) ⁷ : 1.175 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 68.0% | 16.7% | 13.9% | 1.4% | NW | 0 | N/A |
| Hispanic | 63.6% | 22.2% | 12.3% | 1.9% | White | 1 | N/A |
| White | 74.3% | 19.1% | 5.6% | 0.9% | | | |
| Other | 77.8% | 16.7% | 3.7% | 1.9% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-5

| Total Citations ¹ : 3,355 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,282) | | | | ITP Stops ³ (N = 832) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.13 | | | | 36.34 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.1% | | | | Female 35.1% | | | |
| Male 63.9% | | | | Male 64.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 9.5% | | | | AA/Black 7.3% | | | |
| Hispanic 21.7% | | | | Hispanic 18.8% | | | |
| White 66.1% | | | | White 71.5% | | | |
| Other 2.6% | | | | Other 2.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 9.5% | N/A | N/A | AA/Black | 9.5% | 14.5% | -5.0% |
| Hispanic | 21.7% | N/A | N/A | Hispanic | 21.7% | 15.2% | 6.5% |
| White | 66.1% | N/A | N/A | White | 66.1% | 65.1% | 1.0% |
| Other | 2.6% | N/A | N/A | Other | 2.6% | 5.2% | -2.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,068 | 29.8% | 38.0% | NW | 210 | 29.1% | 28.1% |
| White | 2,067 | 70.2% | 62.0% | White | 521 | 70.9% | 71.9% |
| Chi-square, X-tab ⁶ : | | .000* | sig. | Chi-square, X-tab ⁶ : | | .772 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .704* | sig. | Odds ratio Exp(B) ⁷ : | | 1.021 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 67.3% | 20.5% | 11.5% | 0.6% | NW | 1 | N/A |
| Hispanic | 61.8% | 21.6% | 15.2% | 1.4% | White | 5 | N/A |
| White | 75.6% | 17.9% | 4.8% | 1.6% | | | |
| Other | 68.6% | 26.7% | 4.7% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-6

| Total Citations ¹ : 7,485 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,313) | | | | ITP Stops ³ (N = 2,303) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.29 | | | | 36.2 | | | |
| Gender % | | | | Gender % | | | |
| Female 38.2% | | | | Female 37.6% | | | |
| Male 61.5% | | | | Male 62.1% | | | |
| Non-binary 0.2% | | | | Non-binary 0.3% | | | |
| Race % Mis/Unk ⁴ 3.0% | | | | Race % Mis/Unk ⁴ 2.7% | | | |
| AA/Black 12.1% | | | | AA/Black 12.0% | | | |
| Hispanic 21.5% | | | | Hispanic 23.0% | | | |
| White 62.3% | | | | White 60.7% | | | |
| Other 4.1% | | | | Other 4.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.1% | N/A | N/A | AA/Black | 12.1% | 14.5% | -2.4% |
| Hispanic | 21.5% | N/A | N/A | Hispanic | 21.5% | 15.2% | 6.3% |
| White | 62.3% | N/A | N/A | White | 62.3% | 65.1% | -2.8% |
| Other | 4.1% | N/A | N/A | Other | 4.1% | 5.2% | -1.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,560 | 32.2% | 46.0% | NW | 769 | 35.5% | 43.7% |
| White | 4,285 | 67.8% | 54.0% | White | 1,223 | 64.5% | 56.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .562* sig. | | | | Odds ratio Exp(B) ⁷ : .757* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 62.2% | 21.4% | 14.0% | 2.4% | NW | 6 | N/A |
| Hispanic | 59.1% | 23.6% | 15.4% | 1.9% | White | 12 | N/A |
| White | 72.7% | 21.6% | 4.0% | 1.6% | | | |
| Other | 68.5% | 26.1% | 4.1% | 1.4% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP B-8

| Total Citations ¹ : 6,010 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,809) | | | | ITP Stops ³ (N = 1,867) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.02 | | | | 36.4 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.3% | | | | Female 35.7% | | | |
| Male 64.7% | | | | Male 64.3% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 3.4% | | | | Race % Mis/Unk ⁴ 2.2% | | | |
| AA/Black 12.5% | | | | AA/Black 11.9% | | | |
| Hispanic 18.3% | | | | Hispanic 18.2% | | | |
| White 63.5% | | | | White 65.0% | | | |
| Other 5.7% | | | | Other 5.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.5% | N/A | N/A | AA/Black | 12.5% | 14.5% | -2.0% |
| Hispanic | 18.3% | N/A | N/A | Hispanic | 18.3% | 15.2% | 3.1% |
| White | 63.5% | N/A | N/A | White | 63.5% | 65.1% | -1.6% |
| Other | 5.7% | N/A | N/A | Other | 5.7% | 5.2% | 0.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,989 | 34.6% | 41.2% | NW | 582 | 35.9% | 35.4% |
| White | 3,418 | 65.4% | 58.8% | White | 1,045 | 64.1% | 64.6% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .870 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .763* sig. | | | | Odds ratio Exp(B) ⁷ : 1.009 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 62.1% | 25.8% | 10.3% | 1.8% | NW | 0 | N/A |
| Hispanic | 62.6% | 19.0% | 16.2% | 2.2% | White | 0 | N/A |
| White | 72.3% | 21.8% | 4.2% | 1.6% | | | |
| Other | 70.4% | 24.0% | 4.4% | 1.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C HEADQUARTERS

| Total Citations ¹ : 3,763 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 3,739) | | | | ITP Stops ³ (N = 1,662) | | | |
|------------------------------------|----------------------|-------------|--|------------------------------------|----------------------|-------------|--|
| Mean age | | | | Mean age | | | |
| 36.28 | | | | 36.06 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.0% | | | | Female 30.2% | | | |
| Male 70.0% | | | | Male 69.8% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % | Mis/Unk ⁴ | 1.1% | | Race % | Mis/Unk ⁴ | 0.7% | |
| AA/Black | 11.7% | | | AA/Black | 10.6% | | |
| Hispanic | 20.7% | | | Hispanic | 21.2% | | |
| White | 61.6% | | | White | 62.0% | | |
| Other | 5.9% | | | Other | 6.2% | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.7% | N/A | N/A | AA/Black | 11.7% | 14.5% | -2.8% |
| Hispanic | 20.7% | N/A | N/A | Hispanic | 20.7% | 15.2% | 5.5% |
| White | 61.6% | N/A | N/A | White | 61.6% | 65.1% | -3.5% |
| Other | 5.9% | N/A | N/A | Other | 5.9% | 5.2% | 0.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,357 | 36.9% | 44.3% | NW | 572 | 35.8% | 42.8% |
| White | 2,192 | 63.1% | 55.7% | White | 948 | 64.2% | 57.2% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .014* sig. | | | |
| Odds ratio Exp(B) ⁷ : .802* sig. | | | | Odds ratio Exp(B) ⁷ : .961 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 52.5% | 35.6% | 11.2% | 0.7% | NW | 16 | N/A |
| Hispanic | 50.1% | 34.5% | 13.7% | 1.7% | White | 16 | N/A |
| White | 55.3% | 40.8% | 3.5% | 0.4% | | | |
| Other | 51.6% | 43.3% | 4.1% | 0.9% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-1

| Total Citations ¹ : 7,174 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,055) | | | | ITP Stops ³ (N = 1,981) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.64 | | | | 36.32 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.7% | | | | Female 33.0% | | | |
| Male 62.2% | | | | Male 66.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.2% | | | |
| Race % Mis/Unk ⁴ 1.1% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 7.8% | | | | AA/Black 6.4% | | | |
| Hispanic 12.9% | | | | Hispanic 13.2% | | | |
| White 74.7% | | | | White 76.0% | | | |
| Other 4.6% | | | | Other 4.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.8% | N/A | N/A | AA/Black | 7.8% | 14.5% | -6.7% |
| Hispanic | 12.9% | N/A | N/A | Hispanic | 12.9% | 15.2% | -2.3% |
| White | 74.7% | N/A | N/A | White | 74.7% | 65.1% | 9.6% |
| Other | 4.6% | N/A | N/A | Other | 4.6% | 5.2% | -0.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,716 | 25.2% | 25.8% | NW | 417 | 23.9% | 24.0% |
| White | 5,050 | 74.8% | 74.2% | White | 1,327 | 76.1% | 76.0% |
| Chi-square, X-tab ⁶ : .622 not sig. | | | | Chi-square, X-tab ⁶ : .939 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .985 not sig. | | | | Odds ratio Exp(B) ⁷ : 1.053 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 64.4% | 28.5% | 6.3% | 0.7% | NW | 2 | N/A |
| Hispanic | 57.3% | 29.2% | 12.2% | 1.3% | White | 1 | N/A |
| White | 68.5% | 27.5% | 3.6% | 0.4% | | | |
| Other | 63.9% | 34.9% | 1.2% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-2

| Total Citations ¹ : 7,512 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,219) | | | | ITP Stops ³ (N = 2,337) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.08 | | | | 36.05 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.8% | | | | Female 31.7% | | | |
| Male 67.2% | | | | Male 68.2% | | | |
| Non-binary 0.0% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.4% | | | | Race % Mis/Unk ⁴ 0.9% | | | |
| AA/Black 13.1% | | | | AA/Black 10.7% | | | |
| Hispanic 21.4% | | | | Hispanic 22.2% | | | |
| White 59.8% | | | | White 61.7% | | | |
| Other 5.7% | | | | Other 5.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.1% | N/A | N/A | AA/Black | 13.1% | 14.5% | -1.4% |
| Hispanic | 21.4% | N/A | N/A | Hispanic | 21.4% | 15.2% | 6.2% |
| White | 59.8% | N/A | N/A | White | 59.8% | 65.1% | -5.3% |
| Other | 5.7% | N/A | N/A | Other | 5.7% | 5.2% | 0.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,785 | 34.2% | 48.6% | NW | 808 | 36.1% | 43.0% |
| White | 4,108 | 65.8% | 51.4% | White | 1,285 | 63.9% | 57.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .002* sig. | | | |
| Odds ratio Exp(B) ⁷ : .548* sig. | | | | Odds ratio Exp(B) ⁷ : .773* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 57.0% | 28.2% | 12.5% | 2.3% | NW | 16 | N/A |
| Hispanic | 51.1% | 24.1% | 21.0% | 3.8% | White | 7 | N/A |
| White | 60.1% | 32.4% | 5.9% | 1.6% | | | |
| Other | 58.7% | 36.1% | 4.1% | 1.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-3

| Total Citations ¹ : 4,521 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,469) | | | | ITP Stops ³ (N = 1,376) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36 | | | | 35.27 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.7% | | | | Female 36.4% | | | |
| Male 63.1% | | | | Male 63.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.6% | | | | Race % Mis/Unk ⁴ 0.7% | | | |
| AA/Black 12.0% | | | | AA/Black 9.9% | | | |
| Hispanic 19.2% | | | | Hispanic 19.7% | | | |
| White 65.1% | | | | White 66.9% | | | |
| Other 3.7% | | | | Other 3.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.0% | N/A | N/A | AA/Black | 12.0% | 14.5% | -2.5% |
| Hispanic | 19.2% | N/A | N/A | Hispanic | 19.2% | 15.2% | 4.0% |
| White | 65.1% | N/A | N/A | White | 65.1% | 65.1% | 0.0% |
| Other | 3.7% | N/A | N/A | Other | 3.7% | 5.2% | -1.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,488 | 29.9% | 45.4% | NW | 406 | 33.3% | 33.1% |
| White | 2,764 | 70.1% | 54.6% | White | 816 | 66.7% | 66.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .935 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .523* sig. | | | | Odds ratio Exp(B) ⁷ : 1.461* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 70.9% | 14.7% | 13.3% | 1.1% | NW | 3 | N/A |
| Hispanic | 63.2% | 17.1% | 17.5% | 2.2% | White | 1 | N/A |
| White | 84.6% | 11.0% | 4.0% | 0.4% | | | |
| Other | 79.8% | 11.7% | 7.4% | 1.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-4

| Total Citations ¹ : 7,565 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,261) | | | | ITP Stops ³ (N = 2,249) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.94 | | | | 35.96 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.7% | | | | Female 31.2% | | | |
| Male 68.2% | | | | Male 68.8% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 9.4% | | | | Race % Mis/Unk ⁴ 13.8% | | | |
| AA/Black 12.9% | | | | AA/Black 10.4% | | | |
| Hispanic 22.7% | | | | Hispanic 22.3% | | | |
| White 58.6% | | | | White 62.3% | | | |
| Other 5.9% | | | | Other 5.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.9% | N/A | N/A | AA/Black | 12.9% | 14.5% | -1.6% |
| Hispanic | 22.7% | N/A | N/A | Hispanic | 22.7% | 15.2% | 7.5% |
| White | 58.6% | N/A | N/A | White | 58.6% | 65.1% | -6.5% |
| Other | 5.9% | N/A | N/A | Other | 5.9% | 5.2% | 0.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,648 | 37.1% | 48.0% | NW | 657 | 35.2% | 43.8% |
| White | 3,734 | 62.9% | 52.0% | White | 1,096 | 64.8% | 56.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .001* sig. | | | |
| Odds ratio Exp(B) ⁷ : .644* sig. | | | | Odds ratio Exp(B) ⁷ : .733* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 54.9% | 32.4% | 11.1% | 1.6% | NW | 10 | N/A |
| Hispanic | 46.9% | 35.8% | 14.8% | 2.5% | White | 28 | N/A |
| White | 51.8% | 41.6% | 4.7% | 1.9% | | | |
| Other | 47.2% | 47.0% | 3.8% | 2.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-5

| Total Citations ¹ : 10,226 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 9,961) | | | | ITP Stops ³ (N = 2,952) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.12 | | | | 36.45 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.7% | | | | Female 29.7% | | | |
| Male 70.2% | | | | Male 70.2% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.7% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 14.4% | | | | AA/Black 13.6% | | | |
| Hispanic 18.9% | | | | Hispanic 19.2% | | | |
| White 59.8% | | | | White 61.8% | | | |
| Other 6.9% | | | | Other 5.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 14.4% | N/A | N/A | AA/Black | 14.4% | 14.5% | -0.1% |
| Hispanic | 18.9% | N/A | N/A | Hispanic | 18.9% | 15.2% | 3.7% |
| White | 59.8% | N/A | N/A | White | 59.8% | 65.1% | -5.3% |
| Other | 6.9% | N/A | N/A | Other | 6.9% | 5.2% | 1.7% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 3,806 | 33.7% | 49.7% | NW | 981 | 34.8% | 42.1% |
| White | 5,674 | 66.3% | 50.3% | White | 1,624 | 65.2% | 57.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .514* sig. | | | | Odds ratio Exp(B) ⁷ : .827 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|--------------|
| AA/Black | 58.4% | 24.2% | 12.0% | 5.3% | NW | 69 | 69.0% |
| Hispanic | 59.4% | 22.4% | 14.4% | 3.8% | White | 31 | 31.0% |
| White | 69.8% | 24.2% | 4.2% | 1.8% | | | |
| Other | 61.8% | 32.9% | 4.1% | 1.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-6

| Total Citations ¹ : 9,216 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 8,709) | | | | ITP Stops ³ (N = 2,442) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.2 | | | | 36.12 | | | |
| Gender % | | | | Gender % | | | |
| Female 34.0% | | | | Female 33.3% | | | |
| Male 65.9% | | | | Male 66.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.2% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 16.1% | | | | AA/Black 12.6% | | | |
| Hispanic 24.9% | | | | Hispanic 23.9% | | | |
| White 53.7% | | | | White 58.2% | | | |
| Other 5.3% | | | | Other 5.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 16.1% | N/A | N/A | AA/Black | 16.1% | 14.5% | 1.6% |
| Hispanic | 24.9% | N/A | N/A | Hispanic | 24.9% | 15.2% | 9.7% |
| White | 53.7% | N/A | N/A | White | 53.7% | 65.1% | -11.4% |
| Other | 5.3% | N/A | N/A | Other | 5.3% | 5.2% | 0.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 3,836 | 43.7% | 53.0% | NW | 896 | 39.7% | 47.3% |
| White | 4,412 | 56.3% | 47.0% | White | 1,241 | 60.3% | 52.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .001* sig. | | | |
| Odds ratio Exp(B) ⁷ : .703* sig. | | | | Odds ratio Exp(B) ⁷ : .769* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 63.6% | 23.8% | 10.8% | 1.8% | NW | 25 | N/A |
| Hispanic | 57.2% | 25.8% | 14.8% | 2.2% | White | 28 | N/A |
| White | 68.7% | 25.4% | 4.9% | 1.0% | | | |
| Other | 68.5% | 25.2% | 5.2% | 1.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-7

| Total Citations ¹ : 4,437 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,395) | | | | ITP Stops ³ (N = 1,366) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.59 | | | | 36.98 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.1% | | | | Female 35.8% | | | |
| Male 63.7% | | | | Male 64.1% | | | |
| Non-binary 0.2% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 8.5% | | | | AA/Black 7.9% | | | |
| Hispanic 12.4% | | | | Hispanic 11.0% | | | |
| White 76.1% | | | | White 77.3% | | | |
| Other 2.9% | | | | Other 3.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.5% | N/A | N/A | AA/Black | 8.5% | 14.5% | -6.0% |
| Hispanic | 12.4% | N/A | N/A | Hispanic | 12.4% | 15.2% | -2.8% |
| White | 76.1% | N/A | N/A | White | 76.1% | 65.1% | 11.0% |
| Other | 2.9% | N/A | N/A | Other | 2.9% | 5.2% | -2.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 999 | 22.6% | 27.3% | NW | 277 | 24.5% | 21.6% |
| White | 3,141 | 77.4% | 72.7% | White | 906 | 75.5% | 78.4% |
| Chi-square, X-tab ⁶ : .001* sig. | | | | Chi-square, X-tab ⁶ : .250 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .745* sig. | | | | Odds ratio Exp(B) ⁷ : 1.042 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|-------------|--------------|-------------|-------|----------|------------|
| AA/Black | 81.1% | 7.5% | 11.1% | 0.3% | NW | 0 | N/A |
| Hispanic | 73.5% | 9.5% | 15.0% | 2.0% | White | 1 | N/A |
| White | 87.0% | 7.3% | 4.9% | 0.8% | | | |
| Other | 89.0% | 8.7% | 2.4% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-9 (DEVENS)

| Total Citations ¹ : 426 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 409) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.91 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 35.7% | | | | Female N/A | | | |
| Male 64.3% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 2.7% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 13.8% | | | | AA/Black N/A | | | |
| Hispanic 28.9% | | | | Hispanic N/A | | | |
| White 49.7% | | | | White N/A | | | |
| Other 7.5% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 13.8% | N/A | N/A | AA/Black | 13.8% | 14.5% | -0.7% |
| Hispanic | 28.9% | N/A | N/A | Hispanic | 28.9% | 15.2% | 13.7% |
| White | 49.7% | N/A | N/A | White | 49.7% | 65.1% | -15.4% |
| Other | 7.5% | N/A | N/A | Other | 7.5% | 5.2% | 2.3% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 195 | 47.6% | 65.2% | NW | N/A | N/A | N/A |
| White | 189 | 52.4% | 34.8% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .008* | sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .382* | sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 93.1% | 1.7% | 5.2% | 0.0% | NW | 0 | N/A |
| Hispanic | 87.3% | 5.9% | 6.8% | 0.0% | White | 0 | N/A |
| White | 89.4% | 7.2% | 3.4% | 0.0% | | | |
| Other | 80.6% | 19.4% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .040* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP C-10

| Total Citations ¹ : 10,625 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 10,134) | | | | ITP Stops ³ (N = 2,769) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.06 | | | | 35.5 | | | |
| Gender % | | | | Gender % | | | |
| Female 28.4% | | | | Female 28.5% | | | |
| Male 71.5% | | | | Male 71.4% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.5% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 18.3% | | | | AA/Black 16.7% | | | |
| Hispanic 21.3% | | | | Hispanic 21.8% | | | |
| White 51.6% | | | | White 53.1% | | | |
| Other 8.7% | | | | Other 8.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 18.3% | N/A | N/A | AA/Black | 18.3% | 14.5% | 3.8% |
| Hispanic | 21.3% | N/A | N/A | Hispanic | 21.3% | 15.2% | 6.1% |
| White | 51.6% | N/A | N/A | White | 51.6% | 65.1% | -13.5% |
| Other | 8.7% | N/A | N/A | Other | 8.7% | 5.2% | 3.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 4,632 | 47.4% | 50.6% | NW | 1,131 | 49.0% | 44.9% |
| White | 4,900 | 52.6% | 49.4% | White | 1,251 | 51.0% | 55.1% |
| Chi-square, X-tab ⁶ : .002* sig. | | | | Chi-square, X-tab ⁶ : .052 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .892* sig. | | | | Odds ratio Exp(B) ⁷ : 1.185 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 66.0% | 21.5% | 9.8% | 2.7% | NW | 36 | N/A |
| Hispanic | 58.3% | 19.5% | 18.3% | 3.8% | White | 21 | N/A |
| White | 70.7% | 21.9% | 5.5% | 1.9% | | | |
| Other | 64.2% | 31.5% | 3.6% | 0.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D HEADQUARTERS

| Total Citations ¹ : 14,401 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 14,226) | | | | ITP Stops ³ (N = 3,163) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.95 | | | | 34.95 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.8% | | | | Female 30.9% | | | |
| Male 64.2% | | | | Male 69.0% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 19.3% | | | | AA/Black 20.2% | | | |
| Hispanic 15.0% | | | | Hispanic 17.0% | | | |
| White 62.9% | | | | White 60.3% | | | |
| Other 2.8% | | | | Other 2.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 19.3% | N/A | N/A | AA/Black | 19.3% | 14.5% | 4.8% |
| Hispanic | 15.0% | N/A | N/A | Hispanic | 15.0% | 15.2% | -0.2% |
| White | 62.9% | N/A | N/A | White | 62.9% | 65.1% | -2.2% |
| Other | 2.8% | N/A | N/A | Other | 2.8% | 5.2% | -2.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 5,102 | 36.2% | 42.5% | NW | 1,145 | 39.0% | 43.3% |
| White | 8,645 | 63.8% | 57.5% | White | 1,704 | 61.0% | 56.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .034* sig. | | | |
| Odds ratio Exp(B) ⁷ : .790* sig. | | | | Odds ratio Exp(B) ⁷ : .912 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|-------------|-------------|-------|------------|--------------|
| AA/Black | 38.7% | 50.6% | 7.8% | 2.9% | NW | 105 | 36.2% |
| Hispanic | 30.4% | 57.4% | 8.3% | 3.9% | White | 185 | 63.8% |
| White | 46.0% | 49.9% | 2.8% | 1.3% | | | |
| Other | 35.2% | 61.6% | 3.3% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D-1

| Total Citations ¹ : 8,141 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,772) | | | | ITP Stops ³ (N = 2,369) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.22 | | | | 38.46 | | | |
| Gender % | | | | Gender % | | | |
| Female 37.1% | | | | Female 35.0% | | | |
| Male 62.8% | | | | Male 64.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 1.0% | | | |
| AA/Black 8.8% | | | | AA/Black 8.3% | | | |
| Hispanic 7.8% | | | | Hispanic 9.3% | | | |
| White 79.8% | | | | White 79.1% | | | |
| Other 3.6% | | | | Other 3.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 8.8% | N/A | N/A | AA/Black | 8.8% | 14.5% | -5.7% |
| Hispanic | 7.8% | N/A | N/A | Hispanic | 7.8% | 15.2% | -7.4% |
| White | 79.8% | N/A | N/A | White | 79.8% | 65.1% | 14.7% |
| Other | 3.6% | N/A | N/A | Other | 3.6% | 5.2% | -1.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,499 | 17.2% | 24.6% | NW | 437 | 21.1% | 20.8% |
| White | 5,898 | 82.8% | 75.4% | White | 1,642 | 78.9% | 79.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .868 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .631* sig. | | | | Odds ratio Exp(B) ⁷ : .870 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 59.4% | 31.7% | 7.3% | 1.5% | NW | 0 | N/A |
| Hispanic | 46.1% | 33.8% | 17.7% | 2.5% | White | 4 | N/A |
| White | 63.5% | 31.1% | 4.3% | 1.1% | | | |
| Other | 57.7% | 38.9% | 2.0% | 1.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D-2

| Total Citations ¹ : 4,841 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,739) | | | | ITP Stops ³ (N = 1,376) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.12 | | | | 38.59 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.3% | | | | Female 30.9% | | | |
| Male 66.5% | | | | Male 69.1% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 8.8% | | | | Race % Mis/Unk ⁴ 8.7% | | | |
| AA/Black 12.1% | | | | AA/Black 11.5% | | | |
| Hispanic 8.4% | | | | Hispanic 9.6% | | | |
| White 77.2% | | | | White 77.2% | | | |
| Other 2.3% | | | | Other 1.6% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 12.1% | N/A | N/A | AA/Black | 12.1% | 14.5% | -2.4% |
| Hispanic | 8.4% | N/A | N/A | Hispanic | 8.4% | 15.2% | -6.8% |
| White | 77.2% | N/A | N/A | White | 77.2% | 65.1% | 12.1% |
| Other | 2.3% | N/A | N/A | Other | 2.3% | 5.2% | -2.9% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-------|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 929 | 21.1% | 24.6% | NW | 228 | 20.7% | 22.9% |
| White | 3,184 | 78.9% | 75.4% | White | 825 | 79.3% | 77.1% |
| Chi-square, X-tab ⁶ : | | .006* | sig. | Chi-square, X-tab ⁶ : | | .408 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .824* | sig. | Odds ratio Exp(B) ⁷ : | | .902 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 76.7% | 12.5% | 9.5% | 1.3% | NW | 1 | N/A |
| Hispanic | 61.8% | 15.2% | 19.8% | 3.2% | White | 6 | N/A |
| White | 78.9% | 14.1% | 5.6% | 1.4% | | | |
| Other | 75.5% | 20.6% | 3.9% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D-3

| Total Citations ¹ : 11,403 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 10,570) | | | | ITP Stops ³ (N = 3,342) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.2 | | | | 35.73 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.7% | | | | Female 35.4% | | | |
| Male 63.2% | | | | Male 64.6% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.1% | | | | Race % Mis/Unk ⁴ 2.8% | | | |
| AA/Black 19.4% | | | | AA/Black 16.0% | | | |
| Hispanic 13.8% | | | | Hispanic 15.3% | | | |
| White 64.9% | | | | White 66.8% | | | |
| Other 1.9% | | | | Other 1.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 19.4% | N/A | N/A | AA/Black | 19.4% | 14.5% | 4.9% |
| Hispanic | 13.8% | N/A | N/A | Hispanic | 13.8% | 15.2% | -1.4% |
| White | 64.9% | N/A | N/A | White | 64.9% | 65.1% | -0.2% |
| Other | 1.9% | N/A | N/A | Other | 1.9% | 5.2% | -3.3% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 3,522 | 31.4% | 40.3% | NW | 974 | 31.8% | 36.3% |
| White | 6,482 | 68.6% | 59.7% | White | 1,954 | 68.2% | 63.7% |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .017* <i>sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .705* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .832 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 52.1% | 30.3% | 14.5% | 3.2% | NW | 38 | N/A |
| Hispanic | 47.0% | 31.5% | 17.7% | 3.9% | White | 50 | N/A |
| White | 59.7% | 30.1% | 8.2% | 2.0% | | | |
| Other | 55.8% | 35.8% | 5.6% | 2.8% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D-4

| Total Citations ¹ : 10,333 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 9,666) | | | | ITP Stops ³ (N = 2,739) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.69 | | | | 36.22 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.9% | | | | Female 30.0% | | | |
| Male 69.0% | | | | Male 69.9% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.0% | | | | Race % Mis/Unk ⁴ 1.2% | | | |
| AA/Black 27.8% | | | | AA/Black 23.9% | | | |
| Hispanic 14.9% | | | | Hispanic 15.4% | | | |
| White 54.6% | | | | White 58.0% | | | |
| Other 2.7% | | | | Other 2.7% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 27.8% | N/A | N/A | AA/Black | 27.8% | 14.5% | 13.3% |
| Hispanic | 14.9% | N/A | N/A | Hispanic | 14.9% | 15.2% | -0.3% |
| White | 54.6% | N/A | N/A | White | 54.6% | 65.1% | -10.5% |
| Other | 2.7% | N/A | N/A | Other | 2.7% | 5.2% | -2.5% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 4,203 | 42.3% | 50.9% | NW | 995 | 40.2% | 44.0% |
| White | 5,047 | 57.7% | 49.1% | White | 1,396 | 59.8% | 56.0% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .069 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .727* sig. | | | | Odds ratio Exp(B) ⁷ : .931 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|------------|--------------|
| AA/Black | 58.7% | 24.7% | 13.3% | 3.3% | NW | 161 | 59.9% |
| Hispanic | 50.9% | 26.1% | 18.9% | 4.1% | White | 108 | 40.1% |
| White | 64.3% | 26.1% | 7.5% | 2.1% | | | |
| Other | 57.8% | 35.7% | 4.3% | 2.2% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D-5

| Total Citations ¹ : 362 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 352) | | | | ITP Stops ³ (N = 118) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.65 | | | | 37.32 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.6% | | | | Female 22.4% | | | |
| Male 72.4% | | | | Male 77.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 3.7% | | | | Race % Mis/Unk ⁴ 3.4% | | | |
| AA/Black 15.0% | | | | AA/Black 16.7% | | | |
| Hispanic 10.3% | | | | Hispanic 7.0% | | | |
| White 74.0% | | | | White 76.3% | | | |
| Other 0.6% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 15.0% | N/A | N/A | AA/Black | 15.0% | 14.5% | 0.5% |
| Hispanic | 10.3% | N/A | N/A | Hispanic | 10.3% | 15.2% | -4.9% |
| White | 74.0% | N/A | N/A | White | 74.0% | 65.1% | 8.9% |
| Other | 0.6% | N/A | N/A | Other | 0.6% | 5.2% | -4.6% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 85 | 22.3% | 32.5% | NW | 23 | 22.1% | 26.1% |
| White | 241 | 77.7% | 67.5% | White | 77 | 77.9% | 73.9% |
| Chi-square, X-tab ⁶ : .045* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .688 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .622 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : 1.260 <i>not sig.</i> | | | |

⁶*Sig.* Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|---------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 58.5% | 34.0% | 5.7% | 1.9% | NW | 0 | N/A |
| Hispanic | 33.3% | 47.2% | 11.1% | 8.3% | White | 0 | N/A |
| White | 62.3% | 30.7% | 5.1% | 1.9% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .075 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D-6

| Total Citations ¹ : 950 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 938) | | | | ITP Stops ³ (N = 110) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 40.12 | | | | 40.96 | | | |
| Gender % | | | | Gender % | | | |
| Female 19.2% | | | | Female 27.6% | | | |
| Male 80.8% | | | | Male 72.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 6.4% | | | | Race % Mis/Unk ⁴ 2.7% | | | |
| AA/Black 10.4% | | | | AA/Black 16.8% | | | |
| Hispanic 25.4% | | | | Hispanic 21.5% | | | |
| White 62.4% | | | | White 61.7% | | | |
| Other 1.8% | | | | Other 0.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.4% | N/A | N/A | AA/Black | 10.4% | 14.5% | -4.1% |
| Hispanic | 25.4% | N/A | N/A | Hispanic | 25.4% | 15.2% | 10.2% |
| White | 62.4% | N/A | N/A | White | 62.4% | 65.1% | -2.7% |
| Other | 1.8% | N/A | N/A | Other | 1.8% | 5.2% | -3.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|--|----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 322 | 37.0% | 39.9% | NW | 33 | 26.2% | 53.3% |
| White | 536 | 63.0% | 60.1% | White | 62 | 73.8% | 46.7% |
| Chi-square, X-tab ⁶ : .519 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .010* <i>sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .744 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .275* <i>sig.</i> | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 34.0% | 50.0% | 11.7% | 4.3% | NW | 0 | N/A |
| Hispanic | 13.3% | 46.0% | 36.7% | 4.0% | White | 0 | N/A |
| White | 19.7% | 65.2% | 12.5% | 2.7% | | | |
| Other | 6.3% | 75.0% | 18.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP D-7

| Total Citations ¹ : 10,031 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 9,740) | | | | ITP Stops ³ (N = 2,935) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 38.92 | | | | 38.44 | | | |
| Gender % | | | | Gender % | | | |
| Female 36.7% | | | | Female 32.4% | | | |
| Male 63.3% | | | | Male 67.6% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.2% | | | | Race % Mis/Unk ⁴ 1.4% | | | |
| AA/Black 10.7% | | | | AA/Black 10.3% | | | |
| Hispanic 8.7% | | | | Hispanic 11.3% | | | |
| White 78.5% | | | | White 76.5% | | | |
| Other 2.1% | | | | Other 1.9% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 10.7% | N/A | N/A | AA/Black | 10.7% | 14.5% | -3.8% |
| Hispanic | 8.7% | N/A | N/A | Hispanic | 8.7% | 15.2% | -6.5% |
| White | 78.5% | N/A | N/A | White | 78.5% | 65.1% | 13.4% |
| Other | 2.1% | N/A | N/A | Other | 2.1% | 5.2% | -3.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 1,983 | 19.3% | 26.9% | NW | 594 | 22.7% | 24.6% |
| White | 7,294 | 80.7% | 73.1% | White | 1,958 | 77.3% | 75.4% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .302 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .666* sig. | | | | Odds ratio Exp(B) ⁷ : .839 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates

NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 57.5% | 31.2% | 9.7% | 1.6% | NW | 9 | N/A |
| Hispanic | 48.2% | 31.9% | 15.4% | 4.4% | White | 7 | N/A |
| White | 65.6% | 29.4% | 4.0% | 1.0% | | | |
| Other | 54.8% | 41.3% | 3.8% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP F HEADQUARTERS

| Total Citations ¹ : 868 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 819) | | | | ITP Stops ³ (N = 234) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.8 | | | | 37.07 | | | |
| Gender % | | | | Gender % | | | |
| Female 23.4% | | | | Female 21.2% | | | |
| Male 76.4% | | | | Male 78.3% | | | |
| Non-binary 0.1% | | | | Non-binary 0.4% | | | |
| Race % Mis/Unk ⁴ 2.8% | | | | Race % Mis/Unk ⁴ 3.8% | | | |
| AA/Black 19.3% | | | | AA/Black 20.9% | | | |
| Hispanic 25.0% | | | | Hispanic 22.2% | | | |
| White 47.7% | | | | White 48.4% | | | |
| Other 7.9% | | | | Other 8.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 19.3% | N/A | N/A | AA/Black | 19.3% | 14.5% | 4.8% |
| Hispanic | 25.0% | N/A | N/A | Hispanic | 25.0% | 15.2% | 9.8% |
| White | 47.7% | N/A | N/A | White | 47.7% | 65.1% | -17.4% |
| Other | 7.9% | N/A | N/A | Other | 7.9% | 5.2% | 2.7% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 400 | 46.1% | 65.0% | NW | 105 | 49.3% | 60.0% |
| White | 361 | 53.9% | 35.0% | White | 96 | 50.7% | 40.0% |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .176 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .471* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .932 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 47.9% | 37.9% | 10.7% | 3.6% | NW | 8 | N/A |
| Hispanic | 39.2% | 41.5% | 18.4% | 0.9% | White | 3 | N/A |
| White | 45.5% | 48.7% | 4.0% | 1.8% | | | |
| Other | 45.6% | 39.7% | 13.2% | 1.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H HEADQUARTERS

| Total Citations ¹ : 543 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 537) | | | | ITP Stops ³ (N = 223) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.97 | | | | 35.95 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.2% | | | | Female 28.5% | | | |
| Male 72.6% | | | | Male 71.0% | | | |
| Non-binary 0.2% | | | | Non-binary 0.5% | | | |
| Race % Mis/Unk ⁴ 1.3% | | | | Race % Mis/Unk ⁴ 0.9% | | | |
| AA/Black 34.0% | | | | AA/Black 35.7% | | | |
| Hispanic 16.4% | | | | Hispanic 15.4% | | | |
| White 43.4% | | | | White 44.3% | | | |
| Other 6.2% | | | | Other 4.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 34.0% | N/A | N/A | AA/Black | 34.0% | 14.5% | 19.5% |
| Hispanic | 16.4% | N/A | N/A | Hispanic | 16.4% | 15.2% | 1.2% |
| White | 43.4% | N/A | N/A | White | 43.4% | 65.1% | -21.7% |
| Other | 6.2% | N/A | N/A | Other | 6.2% | 5.2% | 1.0% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|--|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 292 | 50.9% | 68.6% | NW | 116 | 51.0% | 71.7% |
| White | 215 | 49.1% | 31.4% | White | 87 | 49.0% | 28.3% |
| Chi-square, X-tab ⁶ : .000* <i>sig.</i> | | | | Chi-square, X-tab ⁶ : .007* <i>sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .462* <i>sig.</i> | | | | Odds ratio Exp(B) ⁷ : .580 <i>not sig.</i> | | | |

⁶*Sig. Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|--|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 55.7% | 28.4% | 10.4% | 5.5% | NW | 16 | N/A |
| Hispanic | 54.4% | 33.3% | 8.9% | 3.3% | White | 2 | N/A |
| White | 56.1% | 39.6% | 3.0% | 1.3% | | | |
| Other | 51.5% | 48.5% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .004* <i>sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-1

| Total Citations ¹ : 184 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 176) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 37.69 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 31.6% | | | | Female N/A | | | |
| Male 68.4% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 0.6% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 17.7% | | | | AA/Black N/A | | | |
| Hispanic 15.4% | | | | Hispanic N/A | | | |
| White 60.6% | | | | White N/A | | | |
| Other 6.3% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 17.7% | N/A | N/A | AA/Black | 17.7% | 14.5% | 3.2% |
| Hispanic | 15.4% | N/A | N/A | Hispanic | 15.4% | 15.2% | 0.2% |
| White | 60.6% | N/A | N/A | White | 60.6% | 65.1% | -4.5% |
| Other | 6.3% | N/A | N/A | Other | 6.3% | 5.2% | 1.1% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|-----------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 69 | 38.2% | 51.9% | NW | N/A | N/A | N/A |
| White | 102 | 61.8% | 48.1% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .184 | <i>not sig.</i> | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .687 | <i>not sig.</i> | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|-------------|--------------|-------|----------|------------|
| AA/Black | 41.9% | 51.6% | 6.5% | 0.0% | NW | 1 | N/A |
| Hispanic | 48.3% | 34.5% | 3.4% | 13.8% | White | 0 | N/A |
| White | 52.7% | 42.0% | 5.4% | 0.0% | | | |
| Other | 27.3% | 72.7% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .001* | <i>sig.</i> | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-2

| Total Citations ¹ : 5,490 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 5,057) | | | | ITP Stops ³ (N = 1,263) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.37 | | | | 37.04 | | | |
| Gender % | | | | Gender % | | | |
| Female 29.6% | | | | Female 29.9% | | | |
| Male 70.3% | | | | Male 70.1% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.5% | | | | Race % Mis/Unk ⁴ 2.8% | | | |
| AA/Black 24.0% | | | | AA/Black 20.0% | | | |
| Hispanic 16.0% | | | | Hispanic 17.8% | | | |
| White 51.9% | | | | White 53.8% | | | |
| Other 8.0% | | | | Other 8.4% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 24.0% | N/A | N/A | AA/Black | 24.0% | 14.5% | 9.5% |
| Hispanic | 16.0% | N/A | N/A | Hispanic | 16.0% | 15.2% | 0.8% |
| White | 51.9% | N/A | N/A | White | 51.9% | 65.1% | -13.2% |
| Other | 8.0% | N/A | N/A | Other | 8.0% | 5.2% | 2.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,296 | 42.8% | 56.8% | NW | 500 | 44.9% | 48.5% |
| White | 2,474 | 57.2% | 43.2% | White | 582 | 55.1% | 51.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .254 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .568* sig. | | | | Odds ratio Exp(B) ⁷ : .774 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 69.0% | 20.1% | 9.0% | 1.9% | NW | 13 | N/A |
| Hispanic | 57.9% | 16.1% | 23.6% | 2.4% | White | 1 | N/A |
| White | 74.2% | 20.9% | 4.1% | 0.8% | | | |
| Other | 70.8% | 24.0% | 4.7% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-3

| Total Citations ¹ : 5,301 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 4,754) | | | | ITP Stops ³ (N = 1,474) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.8 | | | | 35.73 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.5% | | | | Female 30.0% | | | |
| Male 69.4% | | | | Male 69.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 1.5% | | | |
| AA/Black 21.5% | | | | AA/Black 17.8% | | | |
| Hispanic 16.5% | | | | Hispanic 16.3% | | | |
| White 55.8% | | | | White 59.8% | | | |
| Other 6.2% | | | | Other 6.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 21.5% | N/A | N/A | AA/Black | 21.5% | 14.5% | 7.0% |
| Hispanic | 16.5% | N/A | N/A | Hispanic | 16.5% | 15.2% | 1.3% |
| White | 55.8% | N/A | N/A | White | 55.8% | 65.1% | -9.3% |
| Other | 6.2% | N/A | N/A | Other | 6.2% | 5.2% | 1.0% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,000 | 39.4% | 53.5% | NW | 519 | 37.1% | 44.8% |
| White | 2,528 | 60.6% | 46.5% | White | 790 | 62.9% | 55.2% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .007* sig. | | | |
| Odds ratio Exp(B) ⁷ : .565* sig. | | | | Odds ratio Exp(B) ⁷ : .734 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 53.3% | 31.5% | 12.8% | 2.4% | NW | 5 | N/A |
| Hispanic | 50.8% | 29.7% | 17.1% | 2.4% | White | 5 | N/A |
| White | 61.6% | 30.2% | 6.4% | 1.7% | | | |
| Other | 56.3% | 37.7% | 4.7% | 1.3% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-4

| Total Citations ¹ : 7,445 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 6,870) | | | | ITP Stops ³ (N = 1,711) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.91 | | | | 37.65 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.5% | | | | Female 27.8% | | | |
| Male 72.4% | | | | Male 72.1% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 4.8% | | | | Race % Mis/Unk ⁴ 3.0% | | | |
| AA/Black 21.2% | | | | AA/Black 19.3% | | | |
| Hispanic 17.2% | | | | Hispanic 18.7% | | | |
| White 48.9% | | | | White 48.5% | | | |
| Other 12.8% | | | | Other 13.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 21.2% | N/A | N/A | AA/Black | 21.2% | 14.5% | 6.7% |
| Hispanic | 17.2% | N/A | N/A | Hispanic | 17.2% | 15.2% | 2.0% |
| White | 48.9% | N/A | N/A | White | 48.9% | 65.1% | -16.2% |
| Other | 12.8% | N/A | N/A | Other | 12.8% | 5.2% | 7.6% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-------|--------------|--------------|---|-----|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 3,232 | 46.3% | 60.7% | NW | 756 | 46.7% | 58.5% |
| White | 3,125 | 53.7% | 39.3% | White | 742 | 53.3% | 41.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .580* sig. | | | | Odds ratio Exp(B) ⁷ : .682* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 62.6% | 20.0% | 14.9% | 2.4% | NW | 22 | N/A |
| Hispanic | 61.1% | 17.3% | 18.5% | 3.1% | White | 7 | N/A |
| White | 72.9% | 20.8% | 5.3% | 1.0% | | | |
| Other | 78.5% | 15.6% | 4.8% | 1.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-5

| Total Citations ¹ : 752 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 695) | | | | ITP Stops ³ (N = 352) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.08 | | | | 38.13 | | | |
| Gender % | | | | Gender % | | | |
| Female 33.1% | | | | Female 31.6% | | | |
| Male 66.9% | | | | Male 68.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 2.4% | | | | Race % Mis/Unk ⁴ 2.0% | | | |
| AA/Black 18.7% | | | | AA/Black 16.5% | | | |
| Hispanic 16.7% | | | | Hispanic 14.5% | | | |
| White 50.4% | | | | White 50.7% | | | |
| Other 14.2% | | | | Other 18.3% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 18.7% | N/A | N/A | AA/Black | 18.7% | 14.5% | 4.2% |
| Hispanic | 16.7% | N/A | N/A | Hispanic | 16.7% | 15.2% | 1.5% |
| White | 50.4% | N/A | N/A | White | 50.4% | 65.1% | -14.7% |
| Other | 14.2% | N/A | N/A | Other | 14.2% | 5.2% | 9.0% |

⁵State average represents racial/ethnic breakdown of *all* 2022 stops by *all* MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-----|--------------|--------------|---|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 315 | 48.7% | 51.8% | NW | 155 | 48.9% | 48.9% |
| White | 326 | 51.3% | 48.2% | White | 162 | 51.1% | 51.1% |
| Chi-square, X-tab ⁶ : .603 <i>not sig.</i> | | | | Chi-square, X-tab ⁶ : .999 <i>not sig.</i> | | | |
| Odds ratio Exp(B) ⁷ : .818 <i>not sig.</i> | | | | Odds ratio Exp(B) ⁷ : .824 <i>not sig.</i> | | | |

⁶Sig. *Chi-square* indicates observed pattern in X-tab table is real, and not due to chance alone

⁷*Odds ratio* < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|-------------|--------------|-------------|-------------|-------|----------|------------|
| AA/Black | 2.1% | 95.2% | 2.7% | 0.0% | NW | 1 | N/A |
| Hispanic | 2.5% | 90.7% | 5.9% | 0.8% | White | 1 | N/A |
| White | 5.2% | 92.4% | 2.5% | 0.0% | | | |
| Other | 4.9% | 95.1% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .063 <i>not sig.</i> | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-6

| Total Citations ¹ : 7,783 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 7,443) | | | | ITP Stops ³ (N = 1,728) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 34.57 | | | | 34.81 | | | |
| Gender % | | | | Gender % | | | |
| Female 27.0% | | | | Female 28.1% | | | |
| Male 72.9% | | | | Male 71.9% | | | |
| Non-binary 0.1% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 0.8% | | | | Race % Mis/Unk ⁴ 1.3% | | | |
| AA/Black 38.0% | | | | AA/Black 37.0% | | | |
| Hispanic 22.1% | | | | Hispanic 21.9% | | | |
| White 32.5% | | | | White 33.2% | | | |
| Other 7.4% | | | | Other 8.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 38.0% | N/A | N/A | AA/Black | 38.0% | 14.5% | 23.5% |
| Hispanic | 22.1% | N/A | N/A | Hispanic | 22.1% | 15.2% | 6.9% |
| White | 32.5% | N/A | N/A | White | 32.5% | 65.1% | -32.6% |
| Other | 7.4% | N/A | N/A | Other | 7.4% | 5.2% | 2.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 4,884 | 61.0% | 73.8% | NW | 1,038 | 64.3% | 69.1% |
| White | 2,355 | 39.0% | 26.2% | White | 525 | 35.7% | 30.9% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .047* sig. | | | |
| Odds ratio Exp(B) ⁷ : .563* sig. | | | | Odds ratio Exp(B) ⁷ : .732* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| AA/Black | 78.0% | 10.2% | 10.2% | 1.6% | NW | 72 | N/A |
| Hispanic | 75.0% | 9.9% | 13.6% | 1.5% | White | 19 | N/A |
| White | 78.7% | 12.9% | 6.3% | 2.0% | | | |
| Other | 78.4% | 15.7% | 5.4% | 0.5% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-7

| Total Citations ¹ : 9,553 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 8,743) | | | | ITP Stops ³ (N = 2,252) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.86 | | | | 37.29 | | | |
| Gender % | | | | Gender % | | | |
| Female 30.5% | | | | Female 32.5% | | | |
| Male 69.4% | | | | Male 67.4% | | | |
| Non-binary 0.0% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.5% | | | | Race % Mis/Unk ⁴ 1.8% | | | |
| AA/Black 42.0% | | | | AA/Black 38.0% | | | |
| Hispanic 18.1% | | | | Hispanic 16.9% | | | |
| White 34.9% | | | | White 39.3% | | | |
| Other 5.0% | | | | Other 5.8% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 42.0% | N/A | N/A | AA/Black | 42.0% | 14.5% | 27.5% |
| Hispanic | 18.1% | N/A | N/A | Hispanic | 18.1% | 15.2% | 2.9% |
| White | 34.9% | N/A | N/A | White | 34.9% | 65.1% | -30.2% |
| Other | 5.0% | N/A | N/A | Other | 5.0% | 5.2% | -0.2% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 5,445 | 61.2% | 70.4% | NW | 1,189 | 58.8% | 61.7% |
| White | 2,932 | 38.8% | 29.6% | White | 794 | 41.2% | 38.3% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .187 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .661* sig. | | | | Odds ratio Exp(B) ⁷ : .775* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|------------|--------------|
| AA/Black | 73.4% | 16.3% | 8.3% | 2.0% | NW | 195 | 77.1% |
| Hispanic | 68.1% | 18.6% | 10.9% | 2.4% | White | 58 | 22.9% |
| White | 73.2% | 21.2% | 4.2% | 1.3% | | | |
| Other | 72.4% | 22.9% | 3.0% | 1.7% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-8

| Total Citations ¹ : 6,934 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 6,567) | | | | ITP Stops ³ (N = 1,692) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.93 | | | | 36.67 | | | |
| Gender % | | | | Gender % | | | |
| Female 31.0% | | | | Female 32.4% | | | |
| Male 69.0% | | | | Male 67.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.0% | | | | Race % Mis/Unk ⁴ 1.9% | | | |
| AA/Black 15.7% | | | | AA/Black 10.4% | | | |
| Hispanic 18.1% | | | | Hispanic 17.7% | | | |
| White 53.9% | | | | White 61.8% | | | |
| Other 12.3% | | | | Other 10.0% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 15.7% | N/A | N/A | AA/Black | 15.7% | 14.5% | 1.2% |
| Hispanic | 18.1% | N/A | N/A | Hispanic | 18.1% | 15.2% | 2.9% |
| White | 53.9% | N/A | N/A | White | 53.9% | 65.1% | -11.2% |
| Other | 12.3% | N/A | N/A | Other | 12.3% | 5.2% | 7.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|-------|--------------|--------------|--|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 2,896 | 43.6% | 50.0% | NW | 524 | 37.8% | 38.3% |
| White | 3,379 | 56.4% | 50.0% | White | 857 | 62.2% | 61.7% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .860 not sig. | | | |
| Odds ratio Exp(B) ⁷ : .772* sig. | | | | Odds ratio Exp(B) ⁷ : .862 not sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 65.7% | 22.4% | 10.4% | 1.5% | NW | 8 | N/A |
| Hispanic | 63.1% | 20.2% | 14.8% | 1.9% | White | 5 | N/A |
| White | 75.3% | 21.1% | 3.0% | 0.6% | | | |
| Other | 71.5% | 25.0% | 2.9% | 0.6% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS STATE POLICE TROOP H-9

| Total Citations ¹ : 12,418 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|---|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 11,609) | | | | ITP Stops ³ (N = 2,653) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.59 | | | | 37.16 | | | |
| Gender % | | | | Gender % | | | |
| Female 26.5% | | | | Female 25.4% | | | |
| Male 73.5% | | | | Male 74.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 2.8% | | | | Race % Mis/Unk ⁴ 2.5% | | | |
| AA/Black 26.2% | | | | AA/Black 22.5% | | | |
| Hispanic 24.0% | | | | Hispanic 23.7% | | | |
| White 39.8% | | | | White 43.7% | | | |
| Other 10.0% | | | | Other 10.1% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

| Comparative Analyses | | | | | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 26.2% | N/A | N/A | AA/Black | 26.2% | 14.5% | 11.7% |
| Hispanic | 24.0% | N/A | N/A | Hispanic | 24.0% | 15.2% | 8.8% |
| White | 39.8% | N/A | N/A | White | 39.8% | 65.1% | -25.3% |
| Other | 10.0% | N/A | N/A | Other | 10.0% | 5.2% | 4.8% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

| VoD Analyses | | | | | | | |
|---|-------|--------------|--------------|---|-------|--------------|--------------|
| All Stops ² | | | | ITP Stops ³ | | | |
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 6,636 | 52.3% | 72.2% | NW | 1,298 | 52.9% | 63.9% |
| White | 4,359 | 47.7% | 27.8% | White | 998 | 47.1% | 36.1% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .439* sig. | | | | Odds ratio Exp(B) ⁷ : .636* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

| Citation Outcomes by Race ⁸ | | | | | | | |
|---|--------------|--------------|--------------|-------------|-------|-----------|------------|
| | Warning | Civil | Criminal | Arrest | | Search? | |
| AA/Black | 57.9% | 29.9% | 10.4% | 1.8% | NW | 16 | N/A |
| Hispanic | 46.8% | 35.1% | 16.1% | 2.0% | White | 0 | N/A |
| White | 49.2% | 44.6% | 4.4% | 1.8% | | | |
| Other | 53.4% | 41.6% | 4.1% | 0.9% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

All MASSACHUSETTS STATE POLICE

| Total Citations ¹ : 284,258 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 270,275) | | | | ITP Stops ³ (N = 79,468) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 36.31 | | | | 36.5 | | | |
| Gender % | | | | Gender % | | | |
| Female 32.3% | | | | Female 31.4% | | | |
| Male 67.6% | | | | Male 68.5% | | | |
| Non-binary 0.1% | | | | Non-binary 0.1% | | | |
| Race % Mis/Unk ⁴ 3.2% | | | | Race % Mis/Unk ⁴ 3.0% | | | |
| AA/Black 16.9% | | | | AA/Black 14.7% | | | |
| Hispanic 18.9% | | | | Hispanic 19.2% | | | |
| White 58.7% | | | | White 60.9% | | | |
| Other 5.5% | | | | Other 5.2% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 16.9% | N/A | N/A | AA/Black | 16.9% | 14.5% | 2.4% |
| Hispanic | 18.9% | N/A | N/A | Hispanic | 18.9% | 15.2% | 3.7% |
| White | 58.7% | N/A | N/A | White | 58.7% | 65.1% | -6.4% |
| Other | 5.5% | N/A | N/A | Other | 5.5% | 5.2% | 0.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|---|---------|--------------|--------------|---|--------|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 104,822 | 37.2% | 48.9% | NW | 26,967 | 37.8% | 41.5% |
| White | 148,324 | 62.8% | 51.1% | White | 42,056 | 62.2% | 58.5% |
| Chi-square, X-tab ⁶ : .000* sig. | | | | Chi-square, X-tab ⁶ : .000* sig. | | | |
| Odds ratio Exp(B) ⁷ : .620* sig. | | | | Odds ratio Exp(B) ⁷ : .851* sig. | | | |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|---|--------------|--------------|--------------|-------------|-------|-------------|--------------|
| AA/Black | 61.6% | 25.2% | 10.9% | 2.3% | NW | 1059 | 56.4% |
| Hispanic | 55.0% | 26.0% | 16.1% | 2.9% | White | 818 | 43.6% |
| White | 66.1% | 27.5% | 5.0% | 1.5% | | | |
| Other | 64.0% | 30.7% | 4.2% | 1.1% | | Counts | Percent |
| Chi-square, X-tab ⁶ : .000* sig. | | | | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 OTHER STATE DEPARTMENTS/AGENCIES

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

BRIDGEWATER STATE UNIVERSITY

| Total Citations ¹ : 132 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 128) | | | | ITP Stops ³ (N = N/A) | | | |
|----------------------------------|--|--|--|----------------------------------|--|--|--|
| Mean age | | | | Mean age | | | |
| 27.5 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 37.5% | | | | Female N/A | | | |
| Male 62.5% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 0.8% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 18.1% | | | | AA/Black N/A | | | |
| Hispanic 8.7% | | | | Hispanic N/A | | | |
| White 72.4% | | | | White N/A | | | |
| Other 0.8% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|----------|-------|-----|--------------------------------------|-----------|-------|-------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 18.1% | N/A | N/A | AA/Black | 18.1% | 14.5% | 3.6% |
| Hispanic | 8.7% | N/A | N/A | Hispanic | 8.7% | 15.2% | -6.5% |
| White | 72.4% | N/A | N/A | White | 72.4% | 65.1% | 7.3% |
| Other | 0.8% | N/A | N/A | Other | 0.8% | 5.2% | -4.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|----|----------|----------|----------------------------------|-----|----------|----------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 34 | 16.2% | 41.8% | NW | N/A | N/A | N/A |
| White | 89 | 83.8% | 58.2% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .002 * | sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .241 * | sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|---------|--------|----------|--------|-------|---------|---------|
| AA/Black | 69.6% | 4.3% | 26.1% | 0.0% | NW | 0 | N/A |
| Hispanic | 54.5% | 9.1% | 36.4% | 0.0% | White | 0 | N/A |
| White | 78.1% | 15.6% | 4.2% | 2.1% | | | |
| Other | 100.0% | 0.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .021 * | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MASSACHUSETTS ENVIRONMENTAL POLICE DEPARTMENT

| Total Citations ¹ : 645 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 603) | | | | ITP Stops ³ (N = 199) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 35.8 | | | | 34.1 | | | |
| Gender % | | | | Gender % | | | |
| Female 17.1% | | | | Female 14.7% | | | |
| Male 82.7% | | | | Male 84.8% | | | |
| Non-binary 0.2% | | | | Non-binary 0.5% | | | |
| Race % Mis/Unk ⁴ 4.0% | | | | Race % Mis/Unk ⁴ 2.5% | | | |
| AA/Black 7.3% | | | | AA/Black 6.7% | | | |
| Hispanic 8.8% | | | | Hispanic 8.2% | | | |
| White 83.1% | | | | White 84.5% | | | |
| Other 0.9% | | | | Other 0.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|--------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 7.3% | N/A | N/A | AA/Black | 7.3% | 14.5% | -7.2% |
| Hispanic | 8.8% | N/A | N/A | Hispanic | 8.8% | 15.2% | -6.4% |
| White | 83.1% | N/A | N/A | White | 83.1% | 65.1% | 18.0% |
| Other | 0.9% | N/A | N/A | Other | 0.9% | 5.2% | -4.3% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 95 | 16.7% | 21.3% | NW | 28 | 13.5% | 23.1% |
| White | 450 | 83.3% | 78.7% | White | 152 | 86.5% | 76.9% |
| Chi-square, X-tab ⁶ : | | .287 | not sig. | Chi-square, X-tab ⁶ : | | .143 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .761 | not sig. | Odds ratio Exp(B) ⁷ : | | .374 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 20.9% | 46.5% | 32.6% | 0.0% | NW | 3 | N/A |
| Hispanic | 20.4% | 57.4% | 18.5% | 3.7% | White | 8 | N/A |
| White | 32.8% | 54.8% | 8.5% | 3.9% | | | |
| Other | 40.0% | 60.0% | 0.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

MBTA POLICE

| Total Citations ¹ : 305 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 261) | | | | ITP Stops ³ (N = N/A) | | | |
|---|--|--|--|--|--|--|--|
| Mean age | | | | Mean age | | | |
| 39.4 | | | | N/A | | | |
| Gender % | | | | Gender % | | | |
| Female 30.2% | | | | Female N/A | | | |
| Male 69.8% | | | | Male N/A | | | |
| Non-binary 0.0% | | | | Non-binary N/A | | | |
| Race % Mis/Unk ⁴ 6.9% | | | | Race % Mis/Unk ⁴ N/A | | | |
| AA/Black 25.5% | | | | AA/Black N/A | | | |
| Hispanic 16.5% | | | | Hispanic N/A | | | |
| White 47.7% | | | | White N/A | | | |
| Other 10.3% | | | | Other N/A | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 25.5% | N/A | N/A | AA/Black | 25.5% | 14.5% | 11.0% |
| Hispanic | 16.5% | N/A | N/A | Hispanic | 16.5% | 15.2% | 1.3% |
| White | 47.7% | N/A | N/A | White | 47.7% | 65.1% | -17.4% |
| Other | 10.3% | N/A | N/A | Other | 10.3% | 5.2% | 5.1% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|------------|------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 107 | 52.1% | 50.0% | NW | N/A | N/A | N/A |
| White | 101 | 47.9% | 50.0% | White | N/A | N/A | N/A |
| Chi-square, X-tab ⁶ : | | .772 | not sig. | Chi-square, X-tab ⁶ : | | N/A | N/A |
| Odds ratio Exp(B) ⁷ : | | .972 | not sig. | Odds ratio Exp(B) ⁷ : | | N/A | N/A |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 18.2% | 42.9% | 39.0% | 0.0% | NW | 1 | N/A |
| Hispanic | 23.6% | 45.5% | 29.1% | 1.8% | White | 1 | N/A |
| White | 45.3% | 35.2% | 19.5% | 0.0% | | | |
| Other | 32.0% | 60.0% | 8.0% | 0.0% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT

UNIVERSITY OF MASSACHUSETTS AMHERST POLICE DEPARTMENT

| Total Citations ¹ : 1,267 | ZIP Code Match Analysis | | Stop Rate by City/Town Population | |
|--|-------------------------|------------|-----------------------------------|------------|
| | Intown motorist: | N/A | Citations per 1000 | |
| | Passing through: | N/A | 18 + residents: | N/A |

¹Total citations issued by department, including multiple-citation encounters and crashes

| All Stops ² (N = 1,231) | | | | ITP Stops ³ (N = 479) | | | |
|---|--|--|--|---|--|--|--|
| Mean age | | | | Mean age | | | |
| 29.78 | | | | 29.07 | | | |
| Gender % | | | | Gender % | | | |
| Female 35.7% | | | | Female 37.7% | | | |
| Male 64.1% | | | | Male 62.3% | | | |
| Non-binary 0.2% | | | | Non-binary 0.0% | | | |
| Race % Mis/Unk ⁴ 1.9% | | | | Race % Mis/Unk ⁴ 2.1% | | | |
| AA/Black 11.2% | | | | AA/Black 9.8% | | | |
| Hispanic 5.0% | | | | Hispanic 4.3% | | | |
| White 69.3% | | | | White 71.4% | | | |
| Other 14.6% | | | | Other 14.5% | | | |

²Total unique stop incidents by department, excluding multiple-citation encounters and crashes

³Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

⁴Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

Comparative Analyses

| Stops vs. U.S. Census Demographics | | | | Stops vs. State Average ⁵ | | | |
|------------------------------------|--------------|------------|------------|--------------------------------------|--------------|--------------|---------------|
| Motorist Race | City Dem | % Dif | | Motorist Race | State Avg | % Dif | |
| AA/Black | 11.2% | N/A | N/A | AA/Black | 11.2% | 14.5% | -3.3% |
| Hispanic | 5.0% | N/A | N/A | Hispanic | 5.0% | 15.2% | -10.2% |
| White | 69.3% | N/A | N/A | White | 69.3% | 65.1% | 4.2% |
| Other | 14.6% | N/A | N/A | Other | 14.6% | 5.2% | 9.4% |

⁵State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses

| All Stops ² | | | | ITP Stops ³ | | | |
|----------------------------------|-----|--------------|--------------|----------------------------------|-----|--------------|--------------|
| Race | N | Daylight | Darkness | Race | N | Daylight | Darkness |
| NW | 349 | 27.6% | 36.9% | NW | 125 | 29.2% | 28.7% |
| White | 799 | 72.4% | 63.1% | White | 306 | 70.8% | 71.3% |
| Chi-square, X-tab ⁶ : | | .001* | sig. | Chi-square, X-tab ⁶ : | | .929 | not sig. |
| Odds ratio Exp(B) ⁷ : | | .616* | sig. | Odds ratio Exp(B) ⁷ : | | .912 | not sig. |

⁶Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

⁷Odds ratio < 1 indicates NW drivers less likely to be stopped during the day than at night; > 1 indicates NW drivers more likely to be stopped during the day than at night. Only "sig." results can be interpreted.

Citation Outcomes by Race⁸

| | Warning | Civil | Criminal | Arrest | | Search? | |
|----------------------------------|--------------|--------------|--------------|-------------|-------|----------|------------|
| AA/Black | 67.9% | 17.1% | 14.3% | 0.7% | NW | 1 | N/A |
| Hispanic | 64.5% | 14.5% | 17.7% | 3.2% | White | 4 | N/A |
| White | 72.9% | 21.5% | 4.4% | 1.2% | | | |
| Other | 67.0% | 22.9% | 9.5% | 0.6% | | Counts | Percent |
| Chi-square, X-tab ⁶ : | | .000* | sig. | | | | |

⁸Analyzes total citations issued by department, including multiple-citation encounters and crashes

Appendix D **2021 List of Departments Not Analyzed**⁴¹

| Department | Total Stops | | Department | Total Stops |
|----------------------------|-------------|--|-------------------------------|-------------|
| AMTRAK Police Dept. | < 5 | | New Ashford Police Dept. | < 5 |
| Aquinnah Police Dept. | 43 | | New Braintree Police Dept. | 48 |
| Ashfield Police Dept. | 93 | | New Salem Police Dept. | 28 |
| Berkley Police Dept. | 81 | | North Brookfield Police Dept. | 91 |
| Bernardston Police Dept. | 39 | | Northeastern University | < 5 |
| Blandford Police Dept. | 9 | | Otis Police Dept. | 42 |
| Carlisle Police Dept. | 67 | | Pelham Police Dept. | 82 |
| Charlemont Police Dept. | 7 | | Peru Police Dept. | 13 |
| Cheshire Police Dept. | 30 | | Plainfield Police Dept. | 43 |
| Chester Police Dept. | 84 | | Richmond Police Dept. | < 5 |
| Chesterfield Police Dept. | 34 | | Rowe Police Dept. | 9 |
| Chilmark Police Dept. | 14 | | Salem State University | 40 |
| Clarksburg Police Dept. | 19 | | Sandisfield Police Dept. | 24 |
| Conway Police Dept. | 16 | | Savoy Police Dept. | < 5 |
| Cummington Police Dept. | < 5 | | Tyringham Police Dept. | < 5 |
| Fitchburg State University | < 5 | | Univ Of Mass Dartmouth | < 5 |
| Florida Police Dept. | < 5 | | Univ Of Mass Lowell | < 5 |
| Framingham State College | < 5 | | Univ Of Mass Worcester | 27 |
| Gill Police Dept. | 97 | | W. Stockbridge Police Dept | 87 |

⁴¹These departments were not analyzed due to an insufficient number of citations (<100). A minimum sample threshold was necessary to ensure robustness of statistical tests.

| | | | | |
|-------------------------------|-----|--|----------------------------|-----|
| Goshen Police Dept. | 27 | | W. Tisbury Police Dept. | 55 |
| Hancock Police Dept. | < 5 | | Wales Police Dept. | 13 |
| Heath Police Dept. | 7 | | Washington Police Dept. | < 5 |
| Hinsdale Police Dept. | 54 | | Wendell Police Dept. | 15 |
| Huntington Police Dept. | 53 | | Westfield State University | 23 |
| Lanesborough Police Dept. | 41 | | Westhampton Police Dept. | 19 |
| Mass College of Liberal Arts | 25 | | Whately Police Dept. | 96 |
| Massachusetts Maritime Police | < 5 | | Windsor Police Dept. | 38 |
| Middlefield Police Dept. | 6 | | Worcester State University | 5 |
| Monterey Police Dept. | 60 | | Worthington Police Dept. | 23 |
| Montgomery Police Dept. | < 5 | | | |

Appendix D **2022 List of Departments Not Analyzed**⁴²

| Department | Total Citations | | Department | Total Citations |
|-------------------------------|-----------------|--|--------------------------------|-----------------|
| Amherst College Police Dept. | < 5 | | Mass College of Liberal Arts | 20 |
| Aquinnah Police Dept. | 37 | | Massasoit Community College | 5 |
| Ashfield Police Dept. | 75 | | Middlefield Police Dept. | 7 |
| Babson College Police Dept | < 5 | | Monterey Police Dept. | 80 |
| Berklee College of Music | < 5 | | Mt Wachusett Community College | 5 |
| Bernardston Police Dept. | 55 | | New Ashford Police Dept. | 5 |
| Blandford Police Dept. | 38 | | North Brookfield Police Dept. | 61 |
| Boston College | 8 | | Northeastern University | < 5 |
| Boston University Police | 5 | | Otis Police Dept. | 87 |
| Bristol Community College | < 5 | | Peru Police Dept. | 18 |
| Buckland Police Dept | 21 | | Phillipston Police Dept. | 78 |
| Bunker Hill Community College | 26 | | Quinsigamond Community College | 26 |
| Cape Cod Community College | 5 | | Regis College | < 5 |
| Carlisle Police Dept. | 66 | | Rockport Police Dept. | 90 |
| Charlemont Police Dept. | 31 | | Rowe Police Dept. | < 5 |
| Chatham Police Dept. | 76 | | Salem State University | 68 |

⁴²These departments were not analyzed due to an insufficient number of citations (<100). A minimum sample threshold was necessary to ensure robustness of statistical tests.

| | | | | |
|--------------------------------|-----|--|---|-----|
| Chesterfield Police Dept | 25 | | Savoy Police Dept. | 5 |
| Chilmark Police Dept. | 14 | | Springfield College | 48 |
| Clarksburg Police Dept. | 6 | | Springfield Technical Community College | 8 |
| Conway Police Dept. | 10 | | Stonehill College | < 5 |
| Dean Junior College | < 5 | | Tufts University Police | < 5 |
| Fitchburg State University | < 5 | | University of Massachusetts Boston | 66 |
| Florida Police Dept. | < 5 | | University of Massachusetts Dartmouth | < 5 |
| Gill Police Dept. | 82 | | University of Massachusetts Lowell | < 5 |
| Goshen Police Dept. | 49 | | University of Massachusetts Worcester | 54 |
| Greenfield Community College | < 5 | | W. Tisbury Police Dept. | 61 |
| Hampden County Sheriff's Dept. | 9 | | Warwick Police Dept. | 89 |
| Hatfield Police Dept. | 53 | | Washington Police Dept. | 8 |
| Heath Police Department | < 5 | | Wendell Police Dept. | 8 |
| Holy Cross College | < 5 | | Wentworth Institute | < 5 |
| Holyoke Community College | < 5 | | Westfield State University | 10 |
| Huntington Police Dept. | 15 | | Westhampton Police Dept. | 6 |
| Lanesborough Police Dept. | 89 | | Windsor Police Dept. | 5 |
| Lasell College | < 5 | | Worcester County House of Corrections | 96 |
| Leyden Police Dept. | 23 | | Worcester State University | 23 |
| M.I.T. Campus Police | < 5 | | Worthington Police Dept. | 39 |

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