

## 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.)<sup>31</sup>; 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***:<sup>32</sup>

**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/town<sup>33</sup>.

**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,

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<sup>31</sup>Too 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.”

<sup>32</sup>A 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*.

<sup>33</sup>Official 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 intertwillight period to be able to conduct the full VoD analysis for the intertwillight 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*:<sup>34</sup>

**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

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<sup>34</sup>A 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**

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**2021 MUNICIPAL POLICE DEPARTMENTS**

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ABINGTON POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.6%</b>	<b>2.0%</b>	<b>10.6%</b>	AA/Black	<b>12.6%</b>	<b>14.4%</b>	<b>-1.8%</b>
Hispanic	<b>2.0%</b>	<b>2.6%</b>	<b>-0.6%</b>	Hispanic	<b>2.0%</b>	<b>14.5%</b>	<b>-12.5%</b>
White	<b>84.7%</b>	<b>88.2%</b>	<b>-3.5%</b>	White	<b>84.7%</b>	<b>66.4%</b>	<b>18.3%</b>
Other	<b>0.7%</b>	<b>6.4%</b>	<b>-5.7%</b>	Other	<b>0.7%</b>	<b>4.6%</b>	<b>-3.9%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ACTON POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,047)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 28.8%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.030*	sig.	Chi-square, X-tab <sup>6</sup> :		.124	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.656	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.640	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ACUSHNET POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ADAMS POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
AGAWAM POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.6%</b>	<b>2.2%</b>	<b>5.4%</b>	AA/Black	<b>7.6%</b>	<b>14.4%</b>	<b>-6.8%</b>
Hispanic	<b>11.3%</b>	<b>5.4%</b>	<b>5.9%</b>	Hispanic	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
White	<b>79.2%</b>	<b>88.9%</b>	<b>-9.7%</b>	White	<b>79.2%</b>	<b>66.4%</b>	<b>12.8%</b>
Other	<b>2.0%</b>	<b>4.1%</b>	<b>-2.1%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
AMESBURY POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.1%</b>	<b>0.6%</b>	<b>3.5%</b>	AA/Black	<b>4.1%</b>	<b>14.4%</b>	<b>-10.3%</b>
Hispanic	<b>5.8%</b>	<b>2.5%</b>	<b>3.3%</b>	Hispanic	<b>5.8%</b>	<b>14.5%</b>	<b>-8.7%</b>
White	<b>89.6%</b>	<b>93.8%</b>	<b>-4.2%</b>	White	<b>89.6%</b>	<b>66.4%</b>	<b>23.2%</b>
Other	<b>0.5%</b>	<b>4.1%</b>	<b>-3.6%</b>	Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
AMHERST POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.9%</b>	<b>5.3%</b>	<b>3.6%</b>	AA/Black	<b>8.9%</b>	<b>14.4%</b>	<b>-5.5%</b>
Hispanic	<b>6.1%</b>	<b>7.5%</b>	<b>-1.4%</b>	Hispanic	<b>6.1%</b>	<b>14.5%</b>	<b>-8.4%</b>
White	<b>78.0%</b>	<b>69.4%</b>	<b>8.6%</b>	White	<b>78.0%</b>	<b>66.4%</b>	<b>11.6%</b>
Other	<b>7.0%</b>	<b>19.1%</b>	<b>-12.1%</b>	Other	<b>7.0%</b>	<b>4.6%</b>	<b>2.4%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ANDOVER POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.6%</b>	<b>2.7%</b>	<b>5.9%</b>	AA/Black	<b>8.6%</b>	<b>14.4%</b>	<b>-5.8%</b>
Hispanic	<b>25.9%</b>	<b>4.9%</b>	<b>21.0%</b>	Hispanic	<b>25.9%</b>	<b>14.5%</b>	<b>11.4%</b>
White	<b>59.7%</b>	<b>75.8%</b>	<b>-16.1%</b>	White	<b>59.7%</b>	<b>66.4%</b>	<b>-6.7%</b>
Other	<b>5.8%</b>	<b>16.9%</b>	<b>-11.1%</b>	Other	<b>5.8%</b>	<b>4.6%</b>	<b>1.2%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ARLINGTON POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.3%</b>	<b>3.1%</b>	<b>6.2%</b>	AA/Black	<b>9.3%</b>	<b>14.4%</b>	<b>-5.1%</b>
Hispanic	<b>4.7%</b>	<b>4.9%</b>	<b>-0.2%</b>	Hispanic	<b>4.7%</b>	<b>14.5%</b>	<b>-9.8%</b>
White	<b>75.6%</b>	<b>75.8%</b>	<b>-0.2%</b>	White	<b>75.6%</b>	<b>66.4%</b>	<b>9.2%</b>
Other	<b>10.4%</b>	<b>16.2%</b>	<b>-5.8%</b>	Other	<b>10.4%</b>	<b>4.6%</b>	<b>5.8%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ASHBURNHAM POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 725)				ITP Stops <sup>3</sup> (N = 310)			
Mean age				Mean age			
<b>35.49</b>				<b>35.9</b>			
Gender %				Gender %			
Female <b>39.2%</b>				Female <b>40.6%</b>			
Male <b>60.8%</b>				Male <b>59.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>2.3%</b>			
AA/Black <b>2.9%</b>				AA/Black <b>4.3%</b>			
Hispanic <b>5.6%</b>				Hispanic <b>3.6%</b>			
White <b>90.6%</b>				White <b>91.4%</b>			
Other <b>0.8%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.9%</b>	<b>1.1%</b>	<b>1.8%</b>	AA/Black	<b>2.9%</b>	<b>14.4%</b>	<b>-11.5%</b>
Hispanic	<b>5.6%</b>	<b>1.7%</b>	<b>3.9%</b>	Hispanic	<b>5.6%</b>	<b>14.5%</b>	<b>-8.9%</b>
White	<b>90.6%</b>	<b>95.9%</b>	<b>-5.3%</b>	White	<b>90.6%</b>	<b>66.4%</b>	<b>24.2%</b>
Other	<b>0.8%</b>	<b>1.5%</b>	<b>-0.7%</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ASHBY POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ASHLAND POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.6%</b>	<b>2.2%</b>	<b>4.4%</b>	AA/Black	<b>6.6%</b>	<b>14.4%</b>	<b>-7.8%</b>
Hispanic	<b>15.1%</b>	<b>7.0%</b>	<b>8.1%</b>	Hispanic	<b>15.1%</b>	<b>14.5%</b>	<b>0.6%</b>
White	<b>71.6%</b>	<b>77.9%</b>	<b>-6.3%</b>	White	<b>71.6%</b>	<b>66.4%</b>	<b>5.2%</b>
Other	<b>6.7%</b>	<b>13.4%</b>	<b>-6.7%</b>	Other	<b>6.7%</b>	<b>4.6%</b>	<b>2.1%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ATHOL POLICE DEPARTMENT

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ATTLEBORO POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.3%</b>	<b>4.4%</b>	<b>6.9%</b>	AA/Black	<b>11.3%</b>	<b>14.4%</b>	<b>-3.1%</b>
Hispanic	<b>11.7%</b>	<b>6.6%</b>	<b>5.1%</b>	Hispanic	<b>11.7%</b>	<b>14.5%</b>	<b>-2.8%</b>
White	<b>73.5%</b>	<b>83.2%</b>	<b>-9.7%</b>	White	<b>73.5%</b>	<b>66.4%</b>	<b>7.1%</b>
Other	<b>3.5%</b>	<b>6.1%</b>	<b>-2.6%</b>	Other	<b>3.5%</b>	<b>4.6%</b>	<b>-1.1%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
AUBURN POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,902)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.1%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .209 not sig.				Chi-square, X-tab <sup>6</sup> : .282 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .880 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.265 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
AVON POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>58.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>58.8%</b>	<b>14.4%</b>	<b>44.4%</b>
Hispanic	<b>10.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>10.6%</b>	<b>14.5%</b>	<b>-3.9%</b>
White	<b>27.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>27.9%</b>	<b>66.4%</b>	<b>-38.5%</b>
Other	<b>2.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.7%</b>	<b>4.6%</b>	<b>-1.9%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
AYER POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.4%</b>	<b>4.3%</b>	<b>1.1%</b>	AA/Black	<b>5.4%</b>	<b>14.4%</b>	<b>-9.0%</b>
Hispanic	<b>6.3%</b>	<b>5.7%</b>	<b>0.6%</b>	Hispanic	<b>6.3%</b>	<b>14.5%</b>	<b>-8.2%</b>
White	<b>84.9%</b>	<b>82.4%</b>	<b>2.5%</b>	White	<b>84.9%</b>	<b>66.4%</b>	<b>18.5%</b>
Other	<b>3.4%</b>	<b>7.5%</b>	<b>-4.1%</b>	Other	<b>3.4%</b>	<b>4.6%</b>	<b>-1.2%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BARNSTABLE POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.5%</b>	<b>5.8%</b>	<b>3.7%</b>	AA/Black	<b>9.5%</b>	<b>14.4%</b>	<b>-4.9%</b>
Hispanic	<b>2.2%</b>	<b>5.9%</b>	<b>-3.7%</b>	Hispanic	<b>2.2%</b>	<b>14.5%</b>	<b>-12.3%</b>
White	<b>87.7%</b>	<b>84.3%</b>	<b>3.4%</b>	White	<b>87.7%</b>	<b>66.4%</b>	<b>21.3%</b>
Other	<b>0.6%</b>	<b>3.1%</b>	<b>-2.5%</b>	Other	<b>0.6%</b>	<b>4.6%</b>	<b>-4.0%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BARRE POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>3.3%</b>	<b>2.2%</b>	<b>1.1%</b>	AA/Black	<b>3.3%</b>	<b>14.4%</b> <b>-11.1%</b>
Hispanic	<b>4.1%</b>	<b>2.4%</b>	<b>1.7%</b>	Hispanic	<b>4.1%</b>	<b>14.5%</b> <b>-10.4%</b>
White	<b>92.2%</b>	<b>93.8%</b>	<b>-1.6%</b>	White	<b>92.2%</b>	<b>66.4%</b> <b>25.8%</b>
Other	<b>0.5%</b>	<b>3.1%</b>	<b>-2.6%</b>	Other	<b>0.5%</b>	<b>4.6%</b> <b>-4.1%</b>

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

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

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.3%</b>	<b>18.2%</b>	<b>4.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.7%</b>	<b>14.3%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>84.3%</b>	<b>7.3%</b>	<b>6.3%</b>	<b>2.1%</b>			
Other	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BECKETT POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BEDFORD POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 719)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 0.7%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .094 not sig.				Chi-square, X-tab <sup>6</sup> : .373 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .753 not sig.				Odds ratio Exp(B) <sup>7</sup> : .741 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BELCHERTOWN POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.1%</b>	<b>0.6%</b>	<b>4.5%</b>	AA/Black	<b>5.1%</b>	<b>14.4%</b>	<b>-9.3%</b>
Hispanic	<b>3.6%</b>	<b>1.4%</b>	<b>2.2%</b>	Hispanic	<b>3.6%</b>	<b>14.5%</b>	<b>-10.9%</b>
White	<b>88.3%</b>	<b>91.9%</b>	<b>-3.6%</b>	White	<b>88.3%</b>	<b>66.4%</b>	<b>21.9%</b>
Other	<b>3.0%</b>	<b>5.9%</b>	<b>-2.9%</b>	Other	<b>3.0%</b>	<b>4.6%</b>	<b>-1.6%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BELLINGHAM POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.8%</b>	<b>1.9%</b>	<b>5.9%</b>	AA/Black	<b>7.8%</b>	<b>14.4%</b>	<b>-6.6%</b>
Hispanic	<b>13.2%</b>	<b>4.0%</b>	<b>9.2%</b>	Hispanic	<b>13.2%</b>	<b>14.5%</b>	<b>-1.3%</b>
White	<b>76.7%</b>	<b>91.4%</b>	<b>-14.7%</b>	White	<b>76.7%</b>	<b>66.4%</b>	<b>10.3%</b>
Other	<b>2.4%</b>	<b>2.8%</b>	<b>-0.4%</b>	Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BELMONT POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BERLIN POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.3%</b>	<b>14.4%</b>	<b>-10.1%</b>
Hispanic	<b>17.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.3%</b>	<b>14.5%</b>	<b>2.8%</b>
White	<b>76.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>76.1%</b>	<b>66.4%</b>	<b>9.7%</b>
Other	<b>2.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.2%</b>	<b>4.6%</b>	<b>-2.4%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BEVERLY POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.2%</b>	<b>2.1%</b>	<b>1.1%</b>	AA/Black	<b>3.2%</b>	<b>14.4%</b>	<b>-11.2%</b>
Hispanic	<b>7.8%</b>	<b>5.1%</b>	<b>2.7%</b>	Hispanic	<b>7.8%</b>	<b>14.5%</b>	<b>-6.7%</b>
White	<b>86.5%</b>	<b>88.5%</b>	<b>-2.0%</b>	White	<b>86.5%</b>	<b>66.4%</b>	<b>20.1%</b>
Other	<b>2.5%</b>	<b>5.1%</b>	<b>-2.6%</b>	Other	<b>2.5%</b>	<b>4.6%</b>	<b>-2.1%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>41.2%</b>	<b>35.3%</b>	<b>11.8%</b>	<b>11.8%</b>	NW	<b>1</b>	
Hispanic	<b>63.1%</b>	<b>15.5%</b>	<b>17.9%</b>	<b>3.6%</b>	White	<b>2</b>	
White	<b>72.7%</b>	<b>18.7%</b>	<b>7.1%</b>	<b>1.5%</b>			
Other	<b>63.0%</b>	<b>29.6%</b>	<b>7.4%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> :		.000*	sig.			Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BILLERICA POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.0%</b>	<b>4.8%</b>	<b>2.2%</b>	AA/Black	<b>7.0%</b>	<b>14.4%</b>	<b>-7.4%</b>
Hispanic	<b>8.9%</b>	<b>4.5%</b>	<b>4.4%</b>	Hispanic	<b>8.9%</b>	<b>14.5%</b>	<b>-5.6%</b>
White	<b>77.5%</b>	<b>81.8%</b>	<b>-4.3%</b>	White	<b>77.5%</b>	<b>66.4%</b>	<b>11.1%</b>
Other	<b>6.7%</b>	<b>9.4%</b>	<b>-2.7%</b>	Other	<b>6.7%</b>	<b>4.6%</b>	<b>2.1%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BLACKSTONE POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BOLTON POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.8%</b>	<b>0.3%</b>	<b>7.5%</b>	AA/Black	<b>7.8%</b>	<b>14.4%</b>	<b>-6.6%</b>
Hispanic	<b>16.1%</b>	<b>1.4%</b>	<b>14.7%</b>	Hispanic	<b>16.1%</b>	<b>14.5%</b>	<b>1.6%</b>
White	<b>73.5%</b>	<b>92.5%</b>	<b>-19.0%</b>	White	<b>73.5%</b>	<b>66.4%</b>	<b>7.1%</b>
Other	<b>2.5%</b>	<b>6.5%</b>	<b>-4.0%</b>	Other	<b>2.5%</b>	<b>4.6%</b>	<b>-2.1%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BOURNE POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.4%</b>	<b>1.3%</b>	<b>8.1%</b>	AA/Black	<b>9.4%</b>	<b>14.4%</b>	<b>-5.0%</b>
Hispanic	<b>1.3%</b>	<b>2.7%</b>	<b>-1.4%</b>	Hispanic	<b>1.3%</b>	<b>14.5%</b>	<b>-13.2%</b>
White	<b>87.7%</b>	<b>88.5%</b>	<b>-0.8%</b>	White	<b>87.7%</b>	<b>66.4%</b>	<b>21.3%</b>
Other	<b>1.6%</b>	<b>5.7%</b>	<b>-4.1%</b>	Other	<b>1.6%</b>	<b>4.6%</b>	<b>-3.0%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BOXBOROUGH POLICE DEPARTMENT**

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

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BOXFORD POLICE DEPARTMENT

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BOYLSTON POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.2%</b>	<b>14.4%</b>	<b>-5.2%</b>
Hispanic	<b>11.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.8%</b>	<b>14.5%</b>	<b>-2.7%</b>
White	<b>77.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>77.2%</b>	<b>66.4%</b>	<b>10.8%</b>
Other	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BRAINTREE POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>23.2%</b>	<b>3.0%</b>	<b>20.2%</b>	AA/Black	<b>23.2%</b>	<b>14.4%</b>	<b>8.8%</b>
Hispanic	<b>15.9%</b>	<b>2.1%</b>	<b>13.8%</b>	Hispanic	<b>15.9%</b>	<b>14.5%</b>	<b>1.4%</b>
White	<b>53.3%</b>	<b>79.4%</b>	<b>-26.1%</b>	White	<b>53.3%</b>	<b>66.4%</b>	<b>-13.1%</b>
Other	<b>7.7%</b>	<b>15.6%</b>	<b>-7.9%</b>	Other	<b>7.7%</b>	<b>4.6%</b>	<b>3.1%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BREWSTER POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 425)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.6%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
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%

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .254* sig.				Odds ratio Exp(B) <sup>7</sup> : .172* sig.			

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

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .007* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BRIDGEWATER POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>17.9%</b>	<b>8.6%</b>	<b>9.3%</b>	AA/Black	<b>17.9%</b>	<b>3.5%</b>
Hispanic	<b>2.7%</b>	<b>3.9%</b>	<b>-1.2%</b>	Hispanic	<b>2.7%</b>	<b>-11.8%</b>
White	<b>78.6%</b>	<b>83.5%</b>	<b>-4.9%</b>	White	<b>78.6%</b>	<b>12.2%</b>
Other	<b>0.8%</b>	<b>4.7%</b>	<b>-3.9%</b>	Other	<b>0.8%</b>	<b>-3.8%</b>

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

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

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>67.7%</b>	<b>10.4%</b>	<b>17.2%</b>	<b>4.8%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>66.2%</b>	<b>6.5%</b>	<b>20.8%</b>	<b>6.5%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>81.9%</b>	<b>8.3%</b>	<b>7.8%</b>	<b>1.9%</b>			
Other	<b>87.0%</b>	<b>4.3%</b>	<b>8.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BRIMFIELD POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BROCKTON POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>68.0%</b>	<b>45.6%</b>	<b>22.4%</b>	AA/Black	<b>68.0%</b>	<b>14.4%</b>	<b>53.6%</b>
Hispanic	<b>3.2%</b>	<b>11.1%</b>	<b>-7.9%</b>	Hispanic	<b>3.2%</b>	<b>14.5%</b>	<b>-11.3%</b>
White	<b>27.8%</b>	<b>30.8%</b>	<b>-3.0%</b>	White	<b>27.8%</b>	<b>66.4%</b>	<b>-38.6%</b>
Other	<b>1.0%</b>	<b>6.0%</b>	<b>-5.0%</b>	Other	<b>1.0%</b>	<b>4.6%</b>	<b>-3.6%</b>

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

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

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>44.3%</b>	<b>39.2%</b>	<b>14.5%</b>	<b>2.0%</b>	NW	<b>28</b>	<b>N/A</b>
Hispanic	<b>39.1%</b>	<b>33.6%</b>	<b>27.3%</b>	<b>0.0%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>58.3%</b>	<b>27.0%</b>	<b>12.6%</b>	<b>2.0%</b>			
Other	<b>59.0%</b>	<b>30.8%</b>	<b>10.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BROOKFIELD POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BROOKLINE POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.1%</b>	<b>3.2%</b>	<b>15.9%</b>	AA/Black	<b>19.1%</b>	<b>14.4%</b>	<b>4.7%</b>
Hispanic	<b>11.5%</b>	<b>6.8%</b>	<b>4.7%</b>	Hispanic	<b>11.5%</b>	<b>14.5%</b>	<b>-3.0%</b>
White	<b>58.5%</b>	<b>68.0%</b>	<b>-9.5%</b>	White	<b>58.5%</b>	<b>66.4%</b>	<b>-7.9%</b>
Other	<b>10.9%</b>	<b>22.6%</b>	<b>-11.7%</b>	Other	<b>10.9%</b>	<b>4.6%</b>	<b>6.3%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BUCKLAND POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BURLINGTON POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.5%</b>	<b>4.5%</b>	<b>6.0%</b>	AA/Black	<b>10.5%</b>	<b>14.4%</b>	<b>-3.9%</b>
Hispanic	<b>4.6%</b>	<b>3.1%</b>	<b>1.5%</b>	Hispanic	<b>4.6%</b>	<b>14.5%</b>	<b>-9.9%</b>
White	<b>73.0%</b>	<b>71.5%</b>	<b>1.5%</b>	White	<b>73.0%</b>	<b>66.4%</b>	<b>6.6%</b>
Other	<b>11.9%</b>	<b>21.0%</b>	<b>-9.1%</b>	Other	<b>11.9%</b>	<b>4.6%</b>	<b>7.3%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CAMBRIDGE POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.1%</b>	<b>10.7%</b>	<b>8.4%</b>	AA/Black	<b>19.1%</b>	<b>14.4%</b>	<b>4.7%</b>
Hispanic	<b>11.7%</b>	<b>9.5%</b>	<b>2.2%</b>	Hispanic	<b>11.7%</b>	<b>14.5%</b>	<b>-2.8%</b>
White	<b>56.5%</b>	<b>59.8%</b>	<b>-3.3%</b>	White	<b>56.5%</b>	<b>66.4%</b>	<b>-9.9%</b>
Other	<b>12.7%</b>	<b>21.4%</b>	<b>-8.7%</b>	Other	<b>12.7%</b>	<b>4.6%</b>	<b>8.1%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CANTON POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>25.2%</b>	<b>5.2%</b>	<b>20.0%</b>	AA/Black	<b>25.2%</b>	<b>14.4%</b>	<b>10.8%</b>
Hispanic	<b>4.2%</b>	<b>4.1%</b>	<b>0.1%</b>	Hispanic	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
White	<b>64.9%</b>	<b>80.9%</b>	<b>-16.0%</b>	White	<b>64.9%</b>	<b>66.4%</b>	<b>-1.5%</b>
Other	<b>5.6%</b>	<b>9.3%</b>	<b>-3.7%</b>	Other	<b>5.6%</b>	<b>4.6%</b>	<b>1.0%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CARVER POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CHARLTON POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,240)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.4%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.019*	sig.	Chi-square, X-tab <sup>6</sup> :		.301	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.801	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.353	not sig.

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

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT CHATHAM POLICE DEPARTMENT

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CHELMSFORD POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>0.9%</b>	<b>4.7%</b>	AA/Black	<b>5.6%</b>	<b>14.4%</b>	<b>-8.8%</b>
Hispanic	<b>11.8%</b>	<b>3.3%</b>	<b>8.5%</b>	Hispanic	<b>11.8%</b>	<b>14.5%</b>	<b>-2.7%</b>
White	<b>71.7%</b>	<b>85.2%</b>	<b>-13.5%</b>	White	<b>71.7%</b>	<b>66.4%</b>	<b>5.3%</b>
Other	<b>10.9%</b>	<b>11.0%</b>	<b>-0.1%</b>	Other	<b>10.9%</b>	<b>4.6%</b>	<b>6.3%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CHELSEA POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.0%</b>	<b>6.4%</b>	<b>4.6%</b>	AA/Black	<b>11.0%</b>	<b>14.4%</b>	<b>-3.4%</b>
Hispanic	<b>32.2%</b>	<b>67.0%</b>	<b>-34.8%</b>	Hispanic	<b>32.2%</b>	<b>14.5%</b>	<b>17.7%</b>
White	<b>54.3%</b>	<b>20.6%</b>	<b>33.7%</b>	White	<b>54.3%</b>	<b>66.4%</b>	<b>-12.1%</b>
Other	<b>2.5%</b>	<b>36.9%</b>	<b>-34.4%</b>	Other	<b>2.5%</b>	<b>4.6%</b>	<b>-2.1%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CHICOPEE POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.7%</b>	<b>5.2%</b>	<b>5.5%</b>	AA/Black	<b>10.7%</b>	<b>14.4%</b>	<b>-3.7%</b>
Hispanic	<b>28.9%</b>	<b>21.0%</b>	<b>7.9%</b>	Hispanic	<b>28.9%</b>	<b>14.5%</b>	<b>14.4%</b>
White	<b>57.9%</b>	<b>71.2%</b>	<b>-13.3%</b>	White	<b>57.9%</b>	<b>66.4%</b>	<b>-8.5%</b>
Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>	Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CLINTON POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
COHASSET POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,307)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.5%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .288 not sig.				Chi-square, X-tab <sup>6</sup> : .549 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .779 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.388 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
COLRAIN POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CONCORD POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,197)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 0.3%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .002* sig.			
Odds ratio Exp(B) <sup>7</sup> : .379* sig.				Odds ratio Exp(B) <sup>7</sup> : .675* sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DALTON POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DANVERS POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.4%</b>	<b>2.4%</b>	<b>5.0%</b>	AA/Black	<b>7.4%</b>	<b>14.4%</b>	<b>-7.0%</b>
Hispanic	<b>8.1%</b>	<b>5.1%</b>	<b>3.0%</b>	Hispanic	<b>8.1%</b>	<b>14.5%</b>	<b>-6.4%</b>
White	<b>82.6%</b>	<b>87.6%</b>	<b>-5.0%</b>	White	<b>82.6%</b>	<b>66.4%</b>	<b>16.2%</b>
Other	<b>1.9%</b>	<b>5.0%</b>	<b>-3.1%</b>	Other	<b>1.9%</b>	<b>4.6%</b>	<b>-2.7%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DARTMOUTH POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.0%</b>	<b>3.2%</b>	<b>6.8%</b>	AA/Black	<b>10.0%</b>	<b>14.4%</b>	<b>-4.4%</b>
Hispanic	<b>8.6%</b>	<b>3.1%</b>	<b>5.5%</b>	Hispanic	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
White	<b>79.5%</b>	<b>89.1%</b>	<b>-9.6%</b>	White	<b>79.5%</b>	<b>66.4%</b>	<b>13.1%</b>
Other	<b>1.9%</b>	<b>4.6%</b>	<b>-2.7%</b>	Other	<b>1.9%</b>	<b>4.6%</b>	<b>-2.7%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DEDHAM POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,380)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .289 not sig.				Chi-square, X-tab <sup>6</sup> : .381 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .875 not sig.				Odds ratio Exp(B) <sup>7</sup> : .735 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DEERFIELD POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DENNIS POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 826)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 0.7%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
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%

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .290 not sig.				Chi-square, X-tab <sup>6</sup> : .315 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .745 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.643 not sig.			

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

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .013* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT DIGHTON POLICE DEPARTMENT

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DOUGLAS POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>0.3%</b>	<b>7.2%</b>	AA/Black	<b>7.5%</b>	<b>14.4%</b>	<b>-6.9%</b>
Hispanic	<b>9.7%</b>	<b>5.7%</b>	<b>4.0%</b>	Hispanic	<b>9.7%</b>	<b>14.5%</b>	<b>-4.8%</b>
White	<b>81.7%</b>	<b>91.1%</b>	<b>-9.4%</b>	White	<b>81.7%</b>	<b>66.4%</b>	<b>15.3%</b>
Other	<b>1.1%</b>	<b>3.0%</b>	<b>-1.9%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DOVER POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DRACUT POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.6%</b>	<b>4.5%</b>	<b>5.1%</b>	AA/Black	<b>9.6%</b>	<b>14.4%</b>	<b>-4.8%</b>
Hispanic	<b>17.5%</b>	<b>6.6%</b>	<b>10.9%</b>	Hispanic	<b>17.5%</b>	<b>14.5%</b>	<b>3.0%</b>
White	<b>68.9%</b>	<b>83.4%</b>	<b>-14.5%</b>	White	<b>68.9%</b>	<b>66.4%</b>	<b>2.5%</b>
Other	<b>4.0%</b>	<b>6.1%</b>	<b>-2.1%</b>	Other	<b>4.0%</b>	<b>4.6%</b>	<b>-0.6%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DUDLEY POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.2%</b>	<b>2.0%</b>	<b>5.2%</b>	AA/Black	<b>7.2%</b>	<b>14.4%</b>	<b>-7.2%</b>
Hispanic	<b>15.6%</b>	<b>3.6%</b>	<b>12.0%</b>	Hispanic	<b>15.6%</b>	<b>14.5%</b>	<b>1.1%</b>
White	<b>76.3%</b>	<b>88.4%</b>	<b>-12.1%</b>	White	<b>76.3%</b>	<b>66.4%</b>	<b>9.9%</b>
Other	<b>0.9%</b>	<b>6.2%</b>	<b>-5.3%</b>	Other	<b>0.9%</b>	<b>4.6%</b>	<b>-3.7%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DUNSTABLE POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 505)				ITP Stops <sup>3</sup> (N = 230)			
Mean age				Mean age			
<b>33.94</b>				<b>34.23</b>			
Gender %				Gender %			
Female <b>28.3%</b>				Female <b>31.3%</b>			
Male <b>71.7%</b>				Male <b>68.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>3.2%</b>				AA/Black <b>2.2%</b>			
Hispanic <b>12.2%</b>				Hispanic <b>10.2%</b>			
White <b>80.2%</b>				White <b>82.7%</b>			
Other <b>4.4%</b>				Other <b>4.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.2%</b>	<b>14.4%</b>	<b>-11.2%</b>
Hispanic	<b>12.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>12.2%</b>	<b>14.5%</b>	<b>-2.3%</b>
White	<b>80.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>80.2%</b>	<b>66.4%</b>	<b>13.8%</b>
Other	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.4%</b>	<b>4.6%</b>	<b>-0.2%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DUXBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>765</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		<b>28.5%</b>	Citations per 1000					
	Passing through:		<b>71.5%</b>	18 + residents: <b>64.3</b>					
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes									
<b>All Stops<sup>2</sup> (N = 732)</b>			<b>ITP Stops<sup>3</sup> (N = 213)</b>						
Mean age			Mean age						
<b>38.37</b>			<b>36.11</b>						
Gender %			Gender %						
Female <b>35.6%</b>			Female <b>28.9%</b>						
Male <b>64.3%</b>			Male <b>70.6%</b>						
Non-binary <b>0.1%</b>			Non-binary <b>0.5%</b>						
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			Race % Mis/Unk <sup>4</sup> <b>1.4%</b>						
AA/Black <b>4.5%</b>			AA/Black <b>3.3%</b>						
Hispanic <b>2.5%</b>			Hispanic <b>3.3%</b>						
White <b>92.5%</b>			White <b>93.3%</b>						
Other <b>0.6%</b>			Other <b>0.0%</b>						
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
<b>Comparative Analyses</b>									
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>					
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif			
AA/Black	<b>4.5%</b>	<b>0.8%</b>	<b>3.7%</b>	AA/Black	<b>4.5%</b>	<b>14.4%</b>	<b>-9.9%</b>		
Hispanic	<b>2.5%</b>	<b>0.9%</b>	<b>1.6%</b>	Hispanic	<b>2.5%</b>	<b>14.5%</b>	<b>-12.0%</b>		
White	<b>92.5%</b>	<b>95.5%</b>	<b>-3.0%</b>	White	<b>92.5%</b>	<b>66.4%</b>	<b>26.1%</b>		
Other	<b>0.6%</b>	<b>2.9%</b>	<b>-2.3%</b>	Other	<b>0.6%</b>	<b>4.6%</b>	<b>-4.0%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
<b>VoD Analyses</b>									
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>					
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness		
NW	53	<b>8.2%</b>	<b>6.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	630	<b>91.8%</b>	<b>93.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :			.439	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :			1.231	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
<sup>7</sup> 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.									
<b>Citation Outcomes by Race<sup>8</sup></b>									
	Warning	Civil	Criminal	Arrest		Search?			
AA/Black	<b>59.4%</b>	<b>15.6%</b>	<b>25.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>		
Hispanic	<b>55.0%</b>	<b>5.0%</b>	<b>40.0%</b>	<b>0.0%</b>	White	<b>4</b>	<b>N/A</b>		
White	<b>70.8%</b>	<b>14.3%</b>	<b>12.7%</b>	<b>2.2%</b>					
Other	<b>50.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>25.0%</b>		Counts	Percent		
Chi-square, X-tab <sup>6</sup> :			.001*	sig.					
<sup>8</sup> 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 <sup>1</sup> : <b>2,000</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.8%</b>	Citations per 1000	
	Passing through:	<b>83.2%</b>	18 + residents:	<b>184.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.1%</b>	<b>3.9%</b>	<b>13.2%</b>	AA/Black	<b>17.1%</b>	<b>14.4%</b>	<b>2.7%</b>
Hispanic	<b>4.2%</b>	<b>2.1%</b>	<b>2.1%</b>	Hispanic	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
White	<b>77.6%</b>	<b>88.0%</b>	<b>-10.4%</b>	White	<b>77.6%</b>	<b>66.4%</b>	<b>11.2%</b>
Other	<b>1.1%</b>	<b>4.4%</b>	<b>-3.3%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EAST BROOKFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>957</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>8.5%</b>	Citations per 1000		
	Passing through:		<b>91.5%</b>	18 + residents:		<b>N/A</b>
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 938)</b>				<b>ITP Stops<sup>3</sup> (N = 366)</b>		
Mean age				Mean age		
<b>38.94</b>				<b>39.29</b>		
Gender %				Gender %		
Female		<b>46.4%</b>		Female		<b>47.0%</b>
Male		<b>53.4%</b>		Male		<b>52.5%</b>
Non-binary		<b>0.2%</b>		Non-binary		<b>0.5%</b>
Race %		Mis/Unk <sup>4</sup> <b>4.2%</b>		Race %		Mis/Unk <sup>4</sup> <b>4.4%</b>
AA/Black		<b>3.3%</b>		AA/Black		<b>1.7%</b>
Hispanic		<b>4.0%</b>		Hispanic		<b>4.3%</b>
White		<b>92.1%</b>		White		<b>93.1%</b>
Other		<b>0.6%</b>		Other		<b>0.9%</b>
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	<b>3.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.3%</b>	<b>14.4%</b> <b>-11.1%</b>
Hispanic	<b>4.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.0%</b>	<b>14.5%</b> <b>-10.5%</b>
White	<b>92.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>92.1%</b>	<b>66.4%</b> <b>25.7%</b>
Other	<b>0.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.6%</b>	<b>4.6%</b> <b>-4.0%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	68	<b>7.0%</b>	<b>10.7%</b>	NW	21	<b>7.2%</b> <b>6.0%</b>
White	788	<b>93.0%</b>	<b>89.3%</b>	White	290	<b>92.8%</b> <b>94.0%</b>
Chi-square, X-tab <sup>6</sup> :		.084	not sig.	Chi-square, X-tab <sup>6</sup> :		.697 not sig.
Odds ratio Exp(B) <sup>7</sup> :		.511*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.386 not sig.
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>78.1%</b>	<b>0.0%</b>	<b>6.3%</b>	<b>15.6%</b>	NW	<b>6</b> <b>N/A</b>
Hispanic	<b>65.8%</b>	<b>13.2%</b>	<b>10.5%</b>	<b>10.5%</b>	White	<b>28</b> <b>N/A</b>
White	<b>89.6%</b>	<b>4.4%</b>	<b>3.1%</b>	<b>3.0%</b>		
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.			
<sup>8</sup> 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 <sup>1</sup> : <b>233</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>26.9%</b>	Citations per 1000			
	Passing through:		<b>73.1%</b>	18 + residents: <b>18.4</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 201)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>37.1</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>37.6%</b>		Female		<b>N/A</b>	
Male		<b>62.4%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>4.0%</b>				<b>N/A</b>	
AA/Black		<b>17.1%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>1.6%</b>		Hispanic		<b>N/A</b>	
White		<b>78.8%</b>		White		<b>N/A</b>	
Other		<b>2.6%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.1%</b>	<b>4.7%</b>	<b>12.4%</b>	AA/Black	<b>17.1%</b>	<b>14.4%</b>	<b>2.7%</b>
Hispanic	<b>1.6%</b>	<b>3.9%</b>	<b>-2.3%</b>	Hispanic	<b>1.6%</b>	<b>14.5%</b>	<b>-12.9%</b>
White	<b>78.8%</b>	<b>85.3%</b>	<b>-6.5%</b>	White	<b>78.8%</b>	<b>66.4%</b>	<b>12.4%</b>
Other	<b>2.6%</b>	<b>6.2%</b>	<b>-3.6%</b>	Other	<b>2.6%</b>	<b>4.6%</b>	<b>-2.0%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	<b>17.2%</b>	<b>30.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	137	<b>82.8%</b>	<b>69.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.045*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.632	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>48.7%</b>	<b>10.3%</b>	<b>35.9%</b>	<b>5.1%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>66.7%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>61.2%</b>	<b>12.4%</b>	<b>19.1%</b>	<b>7.3%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.391	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EASTHAM POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.4%</b>	<b>14.4%</b>	<b>-7.0%</b>
Hispanic	<b>4.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>
White	<b>85.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.2%</b>	<b>66.4%</b>	<b>18.8%</b>
Other	<b>3.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.3%</b>	<b>4.6%</b>	<b>-1.3%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EASTHAMPTON POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.5%</b>	<b>1.9%</b>	<b>4.6%</b>	AA/Black	<b>6.5%</b>	<b>14.4%</b>	<b>-7.9%</b>
Hispanic	<b>9.2%</b>	<b>4.5%</b>	<b>4.7%</b>	Hispanic	<b>9.2%</b>	<b>14.5%</b>	<b>-5.3%</b>
White	<b>81.9%</b>	<b>89.2%</b>	<b>-7.3%</b>	White	<b>81.9%</b>	<b>66.4%</b>	<b>15.5%</b>
Other	<b>2.4%</b>	<b>5.0%</b>	<b>-2.6%</b>	Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>

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

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

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>34.5%</b>	<b>24.1%</b>	<b>34.5%</b>	<b>6.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>51.3%</b>	<b>23.1%</b>	<b>23.1%</b>	<b>2.6%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>57.4%</b>	<b>20.2%</b>	<b>15.7%</b>	<b>6.6%</b>			
Other	<b>80.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>20.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.037*		sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EASTON POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>24.5%</b>	<b>4.2%</b>	<b>20.3%</b>	AA/Black	<b>24.5%</b>	<b>14.4%</b>	<b>10.1%</b>
Hispanic	<b>4.0%</b>	<b>3.0%</b>	<b>1.0%</b>	Hispanic	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
White	<b>69.2%</b>	<b>88.1%</b>	<b>-18.9%</b>	White	<b>69.2%</b>	<b>66.4%</b>	<b>2.8%</b>
Other	<b>2.3%</b>	<b>3.8%</b>	<b>-1.5%</b>	Other	<b>2.3%</b>	<b>4.6%</b>	<b>-2.3%</b>

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

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

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>39.5%</b>	<b>28.1%</b>	<b>27.0%</b>	<b>5.4%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>25.8%</b>	<b>38.7%</b>	<b>32.3%</b>	<b>3.2%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>43.6%</b>	<b>35.7%</b>	<b>15.3%</b>	<b>5.3%</b>			
Other	<b>68.8%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>6.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .003* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EDGARTOWN POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EGREMONT POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ERVING POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.2%</b>	<b>14.4%</b>	<b>-5.2%</b>
Hispanic	<b>9.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.5%</b>	<b>14.5%</b>	<b>-5.0%</b>
White	<b>79.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>79.2%</b>	<b>66.4%</b>	<b>12.8%</b>
Other	<b>2.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.1%</b>	<b>4.6%</b>	<b>-2.5%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ESSEX POLICE DEPARTMENT**

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

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EVERETT POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.6%</b>	<b>18.0%</b>	<b>1.6%</b>	AA/Black	<b>19.6%</b>	<b>14.4%</b>	<b>5.2%</b>
Hispanic	<b>30.9%</b>	<b>28.3%</b>	<b>2.6%</b>	Hispanic	<b>30.9%</b>	<b>14.5%</b>	<b>16.4%</b>
White	<b>40.5%</b>	<b>43.6%</b>	<b>-3.1%</b>	White	<b>40.5%</b>	<b>66.4%</b>	<b>-25.9%</b>
Other	<b>9.0%</b>	<b>14.0%</b>	<b>-5.0%</b>	Other	<b>9.0%</b>	<b>4.6%</b>	<b>4.4%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FAIRHAVEN POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.1%</b>	<b>0.7%</b>	<b>9.4%</b>	AA/Black	<b>10.1%</b>	<b>14.4%</b>	<b>-4.3%</b>
Hispanic	<b>12.8%</b>	<b>2.0%</b>	<b>10.8%</b>	Hispanic	<b>12.8%</b>	<b>14.5%</b>	<b>-1.7%</b>
White	<b>76.9%</b>	<b>90.6%</b>	<b>-13.7%</b>	White	<b>76.9%</b>	<b>66.4%</b>	<b>10.5%</b>
Other	<b>0.2%</b>	<b>4.7%</b>	<b>-4.5%</b>	Other	<b>0.2%</b>	<b>4.6%</b>	<b>-4.4%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FALL RIVER POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.3%</b>	<b>5.9%</b>	<b>6.4%</b>	AA/Black	<b>12.3%</b>	<b>14.4%</b>	<b>-2.1%</b>
Hispanic	<b>2.0%</b>	<b>10.5%</b>	<b>-8.5%</b>	Hispanic	<b>2.0%</b>	<b>14.5%</b>	<b>-12.5%</b>
White	<b>85.0%</b>	<b>77.2%</b>	<b>7.8%</b>	White	<b>85.0%</b>	<b>66.4%</b>	<b>18.6%</b>
Other	<b>0.7%</b>	<b>6.4%</b>	<b>-5.7%</b>	Other	<b>0.7%</b>	<b>4.6%</b>	<b>-3.9%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FALMOUTH POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.8%</b>	<b>2.0%</b>	<b>7.8%</b>	AA/Black	<b>9.8%</b>	<b>14.4%</b>	<b>-4.6%</b>
Hispanic	<b>2.7%</b>	<b>2.5%</b>	<b>0.2%</b>	Hispanic	<b>2.7%</b>	<b>14.5%</b>	<b>-11.8%</b>
White	<b>86.4%</b>	<b>88.8%</b>	<b>-2.4%</b>	White	<b>86.4%</b>	<b>66.4%</b>	<b>20.0%</b>
Other	<b>1.1%</b>	<b>5.5%</b>	<b>-4.4%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FITCHBURG POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.0%</b>	<b>5.0%</b>	<b>6.0%</b>	AA/Black	<b>11.0%</b>	<b>14.4%</b>	<b>-3.4%</b>
Hispanic	<b>22.6%</b>	<b>28.8%</b>	<b>-6.2%</b>	Hispanic	<b>22.6%</b>	<b>14.5%</b>	<b>8.1%</b>
White	<b>65.5%</b>	<b>62.3%</b>	<b>3.2%</b>	White	<b>65.5%</b>	<b>66.4%</b>	<b>-0.9%</b>
Other	<b>0.9%</b>	<b>7.5%</b>	<b>-6.6%</b>	Other	<b>0.9%</b>	<b>4.6%</b>	<b>-3.7%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FOXBOROUGH POLICE DEPARTMENT**

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

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

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

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.2%</b>	<b>6.0%</b>	<b>1.2%</b>	AA/Black	<b>7.2%</b>	<b>14.4%</b>	<b>-7.2%</b>
Hispanic	<b>6.2%</b>	<b>5.3%</b>	<b>0.9%</b>	Hispanic	<b>6.2%</b>	<b>14.5%</b>	<b>-8.3%</b>
White	<b>83.3%</b>	<b>83.8%</b>	<b>-0.5%</b>	White	<b>83.3%</b>	<b>66.4%</b>	<b>16.9%</b>
Other	<b>3.3%</b>	<b>6.9%</b>	<b>-3.6%</b>	Other	<b>3.3%</b>	<b>4.6%</b>	<b>-1.3%</b>

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

**VoD Analyses**

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

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

<sup>7</sup>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<sup>8</sup>**

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

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FRAMINGHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>5,391</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>46.0%</b>	Citations per 1000	
	Passing through:	<b>54.0%</b>	18 + residents:	<b>90.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,945)				ITP Stops <sup>3</sup> (N = 607)			
Mean age				Mean age			
<b>41.32</b>				<b>39.99</b>			
Gender %				Gender %			
Female <b>42.2%</b>				Female <b>37.6%</b>			
Male <b>57.8%</b>				Male <b>62.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>3.1%</b>			
AA/Black <b>9.7%</b>				AA/Black <b>9.5%</b>			
Hispanic <b>8.6%</b>				Hispanic <b>9.5%</b>			
White <b>77.0%</b>				White <b>77.9%</b>			
Other <b>4.8%</b>				Other <b>3.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.7%</b>	<b>7.3%</b>	<b>2.4%</b>	AA/Black	<b>9.7%</b>	<b>14.4%</b>	<b>-4.7%</b>
Hispanic	<b>8.6%</b>	<b>16.1%</b>	<b>-7.5%</b>	Hispanic	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
White	<b>77.0%</b>	<b>63.0%</b>	<b>14.0%</b>	White	<b>77.0%</b>	<b>66.4%</b>	<b>10.6%</b>
Other	<b>4.8%</b>	<b>11.1%</b>	<b>-6.3%</b>	Other	<b>4.8%</b>	<b>4.6%</b>	<b>0.2%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,058	<b>23.4%</b>	<b>21.6%</b>	NW	113	<b>22.8%</b>	<b>18.2%</b>
White	3,506	<b>76.6%</b>	<b>78.4%</b>	White	413	<b>77.2%</b>	<b>81.8%</b>
Chi-square, X-tab <sup>6</sup> : .377 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .236 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : 1.122 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.527 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.2%</b>	<b>9.0%</b>	<b>10.7%</b>	<b>2.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.5%</b>	<b>14.9%</b>	<b>22.8%</b>	<b>1.8%</b>	White	<b>9</b>	<b>N/A</b>
White	<b>73.9%</b>	<b>11.3%</b>	<b>13.2%</b>	<b>1.6%</b>			
Other	<b>78.0%</b>	<b>18.2%</b>	<b>2.5%</b>	<b>1.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FRANKLIN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>258</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>43.1%</b>	Citations per 1000 18 + residents: <b>9.9</b>			
	Passing through:		<b>56.9%</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 218)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>33.35</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>29.2%</b>		Female		<b>N/A</b>	
Male		<b>70.8%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>10.6%</b>				<b>N/A</b>	
AA/Black		<b>4.6%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>10.8%</b>		Hispanic		<b>N/A</b>	
White		<b>80.5%</b>		White		<b>N/A</b>	
Other		<b>4.1%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>4.6%</b>	<b>0.9%</b>	<b>3.7%</b>	AA/Black	<b>4.6%</b>	<b>14.4%</b>	<b>-9.8%</b>
Hispanic	<b>10.8%</b>	<b>1.6%</b>	<b>9.2%</b>	Hispanic	<b>10.8%</b>	<b>14.5%</b>	<b>-3.7%</b>
White	<b>80.5%</b>	<b>89.2%</b>	<b>-8.7%</b>	White	<b>80.5%</b>	<b>66.4%</b>	<b>14.1%</b>
Other	<b>4.1%</b>	<b>8.3%</b>	<b>-4.2%</b>	Other	<b>4.1%</b>	<b>4.6%</b>	<b>-0.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	<b>19.9%</b>	<b>20.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	149	<b>80.1%</b>	<b>80.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.982	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.013	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>41.7%</b>	<b>8.3%</b>	<b>50.0%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>3.8%</b>	<b>11.5%</b>	<b>76.9%</b>	<b>7.7%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>39.9%</b>	<b>13.8%</b>	<b>37.2%</b>	<b>9.0%</b>			
Other	<b>25.0%</b>	<b>37.5%</b>	<b>12.5%</b>	<b>25.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.002*	sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FREETOWN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>407</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>27.0%</b>	Citations per 1000		
	Passing through:		<b>73.0%</b>	18 + residents:		<b>54.6</b>
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 355)</b>				<b>ITP Stops<sup>3</sup> (N = 101)</b>		
Mean age				Mean age		
<b>34.95</b>				<b>34.15</b>		
Gender %				Gender %		
Female		<b>38.2%</b>		Female		<b>34.7%</b>
Male		<b>61.8%</b>		Male		<b>65.3%</b>
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>
		<b>1.1%</b>				<b>1.0%</b>
AA/Black		<b>8.5%</b>		AA/Black		<b>8.0%</b>
Hispanic		<b>1.4%</b>		Hispanic		<b>1.0%</b>
White		<b>90.0%</b>		White		<b>91.0%</b>
Other		<b>0.0%</b>		Other		<b>0.0%</b>
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	<b>8.5%</b>	<b>50.0%</b>	<b>-41.5%</b>	AA/Black	<b>8.5%</b>	<b>14.4%</b>
Hispanic	<b>1.4%</b>	<b>3.0%</b>	<b>-1.6%</b>	Hispanic	<b>1.4%</b>	<b>14.5%</b>
White	<b>90.0%</b>	<b>93.1%</b>	<b>-3.1%</b>	White	<b>90.0%</b>	<b>66.4%</b>
Other	<b>0.0%</b>	<b>3.8%</b>	<b>-3.8%</b>	Other	<b>0.0%</b>	<b>4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	30	<b>9.4%</b>	<b>11.8%</b>	NW	N/A	<b>N/A</b>
White	276	<b>90.6%</b>	<b>88.2%</b>	White	N/A	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.606	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		.932	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>31.4%</b>	<b>14.3%</b>	<b>54.3%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	White	<b>2</b>
White	<b>46.1%</b>	<b>25.7%</b>	<b>27.6%</b>	<b>0.6%</b>		
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.001* sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GARDNER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>693</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.4%</b>	Citations per 1000	
	Passing through:	<b>59.6%</b>	18 + residents:	<b>41.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 604)				ITP Stops <sup>3</sup> (N = 192)			
Mean age				Mean age			
<b>36.48</b>				<b>34.64</b>			
Gender %				Gender %			
Female <b>38.3%</b>				Female <b>39.7%</b>			
Male <b>61.7%</b>				Male <b>60.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.6%</b>				Race % Mis/Unk <sup>4</sup> <b>3.1%</b>			
AA/Black <b>5.3%</b>				AA/Black <b>5.4%</b>			
Hispanic <b>6.4%</b>				Hispanic <b>6.5%</b>			
White <b>85.6%</b>				White <b>85.5%</b>			
Other <b>2.7%</b>				Other <b>2.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>5.3%</b>	<b>2.8%</b>	<b>2.5%</b>	AA/Black	<b>5.3%</b>	<b>14.4%</b> <b>-9.1%</b>
Hispanic	<b>6.4%</b>	<b>9.3%</b>	<b>-2.9%</b>	Hispanic	<b>6.4%</b>	<b>14.5%</b> <b>-8.1%</b>
White	<b>85.6%</b>	<b>81.2%</b>	<b>4.4%</b>	White	<b>85.6%</b>	<b>66.4%</b> <b>19.2%</b>
Other	<b>2.7%</b>	<b>7.5%</b>	<b>-4.8%</b>	Other	<b>2.7%</b>	<b>4.6%</b> <b>-1.9%</b>

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	81	<b>13.0%</b>	<b>19.1%</b>	NW	25	<b>14.7%</b>	<b>15.3%</b>
White	452	<b>87.0%</b>	<b>80.9%</b>	White	142	<b>85.3%</b>	<b>84.7%</b>
Chi-square, X-tab <sup>6</sup> : .061 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .923 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .720 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.261 <i>not sig.</i>			

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>25.0%</b>	<b>11.1%</b>	<b>44.4%</b>	<b>19.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>32.6%</b>	<b>13.0%</b>	<b>28.3%</b>	<b>26.1%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>44.5%</b>	<b>21.5%</b>	<b>23.8%</b>	<b>10.2%</b>			
Other	<b>31.3%</b>	<b>50.0%</b>	<b>12.5%</b>	<b>6.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GEORGETOWN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>765</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.8%</b>	Citations per 1000	
	Passing through:	<b>77.2%</b>	18 + residents:	<b>112.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 756)				ITP Stops <sup>3</sup> (N = 204)			
Mean age				Mean age			
<b>37.33</b>				<b>37.52</b>			
Gender %				Gender %			
Female		<b>41.8%</b>		Female		<b>32.8%</b>	
Male		<b>58.2%</b>		Male		<b>67.2%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black		<b>5.6%</b>		AA/Black		<b>4.9%</b>	
Hispanic		<b>9.8%</b>		Hispanic		<b>5.9%</b>	
White		<b>81.7%</b>		White		<b>86.8%</b>	
Other		<b>2.9%</b>		Other		<b>2.5%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>0.8%</b>	<b>4.8%</b>	AA/Black	<b>5.6%</b>	<b>14.4%</b>	<b>-8.8%</b>
Hispanic	<b>9.8%</b>	<b>3.5%</b>	<b>6.3%</b>	Hispanic	<b>9.8%</b>	<b>14.5%</b>	<b>-4.7%</b>
White	<b>81.7%</b>	<b>93.2%</b>	<b>-11.5%</b>	White	<b>81.7%</b>	<b>66.4%</b>	<b>15.3%</b>
Other	<b>2.9%</b>	<b>2.8%</b>	<b>0.1%</b>	Other	<b>2.9%</b>	<b>4.6%</b>	<b>-1.7%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	133	<b>9.3%</b>	<b>25.8%</b>	NW	22	<b>12.7%</b>	<b>10.1%</b>
White	610	<b>90.7%</b>	<b>74.2%</b>	White	169	<b>87.3%</b>	<b>89.9%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.570	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.243*	sig.	Odds ratio Exp(B) <sup>7</sup> :		2.114	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.8%</b>	<b>16.7%</b>	<b>7.1%</b>	<b>2.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>74.7%</b>	<b>8.0%</b>	<b>12.0%</b>	<b>5.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>83.5%</b>	<b>10.9%</b>	<b>4.2%</b>	<b>1.4%</b>			
Other	<b>86.4%</b>	<b>13.6%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.026*		sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GLOUCESTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>776</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>65.8%</b>	Citations per 1000 18 + residents: <b>30.5</b>			
	Passing through:		<b>34.2%</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 688)</b>				<b>ITP Stops<sup>3</sup> (N = 165)</b>			
Mean age				Mean age			
<b>42.13</b>				<b>41.82</b>			
Gender %				Gender %			
Female		<b>36.4%</b>		Female		<b>37.8%</b>	
Male		<b>63.6%</b>		Male		<b>62.2%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup> <b>9.4%</b>		Race %		Mis/Unk <sup>4</sup> <b>13.3%</b>	
AA/Black		<b>2.2%</b>		AA/Black		<b>1.4%</b>	
Hispanic		<b>5.8%</b>		Hispanic		<b>3.5%</b>	
White		<b>91.2%</b>		White		<b>95.1%</b>	
Other		<b>0.8%</b>		Other		<b>0.0%</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.2%</b>	<b>1.7%</b>	<b>0.5%</b>	AA/Black	<b>2.2%</b>	<b>14.4%</b>	<b>-12.2%</b>
Hispanic	<b>5.8%</b>	<b>2.4%</b>	<b>3.4%</b>	Hispanic	<b>5.8%</b>	<b>14.5%</b>	<b>-8.7%</b>
White	<b>91.2%</b>	<b>91.9%</b>	<b>-0.7%</b>	White	<b>91.2%</b>	<b>66.4%</b>	<b>24.8%</b>
Other	<b>0.8%</b>	<b>4.2%</b>	<b>-3.4%</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	54	<b>7.9%</b>	<b>13.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	536	<b>92.1%</b>	<b>86.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.060	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.586	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.4%</b>	<b>5.3%</b>	<b>31.6%</b>	<b>15.8%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>17.5%</b>	<b>5.0%</b>	<b>60.0%</b>	<b>17.5%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>61.2%</b>	<b>11.7%</b>	<b>21.6%</b>	<b>5.5%</b>			
Other	<b>60.0%</b>	<b>0.0%</b>	<b>40.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GRAFTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,364</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>14.7%</b>	Citations per 1000	
	Passing through:	<b>85.3%</b>	18 + residents:	<b>95.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,310)				ITP Stops <sup>3</sup> (N = 417)			
Mean age				Mean age			
<b>39.26</b>				<b>38.29</b>			
Gender %				Gender %			
Female <b>41.4%</b>				Female <b>37.3%</b>			
Male <b>58.6%</b>				Male <b>62.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>4.5%</b>				AA/Black <b>4.1%</b>			
Hispanic <b>7.3%</b>				Hispanic <b>9.6%</b>			
White <b>83.3%</b>				White <b>81.0%</b>			
Other <b>4.9%</b>				Other <b>5.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.5%</b>	<b>3.1%</b>	<b>1.4%</b>	AA/Black	<b>4.5%</b>	<b>14.4%</b>	<b>-9.9%</b>
Hispanic	<b>7.3%</b>	<b>6.3%</b>	<b>1.0%</b>	Hispanic	<b>7.3%</b>	<b>14.5%</b>	<b>-7.2%</b>
White	<b>83.3%</b>	<b>78.9%</b>	<b>4.4%</b>	White	<b>83.3%</b>	<b>66.4%</b>	<b>16.9%</b>
Other	<b>4.9%</b>	<b>11.7%</b>	<b>-6.8%</b>	Other	<b>4.9%</b>	<b>4.6%</b>	<b>0.3%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	196	<b>14.3%</b>	<b>21.9%</b>	NW	60	<b>14.5%</b>	<b>20.9%</b>
White	1,030	<b>85.7%</b>	<b>78.1%</b>	White	288	<b>85.5%</b>	<b>79.1%</b>
Chi-square, X-tab <sup>6</sup> : .003* sig.				Chi-square, X-tab <sup>6</sup> : .116 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .597* sig.				Odds ratio Exp(B) <sup>7</sup> : .741 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.1%</b>	<b>4.9%</b>	<b>16.4%</b>	<b>6.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>67.7%</b>	<b>3.0%</b>	<b>25.3%</b>	<b>4.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>87.1%</b>	<b>7.7%</b>	<b>4.4%</b>	<b>0.9%</b>			
Other	<b>89.7%</b>	<b>7.4%</b>	<b>0.0%</b>	<b>2.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GRANBY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>777</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.2%</b>	Citations per 1000	
	Passing through:	<b>90.8%</b>	18 + residents:	<b>148.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 759)				ITP Stops <sup>3</sup> (N = 395)			
Mean age				Mean age			
<b>36.09</b>				<b>36.7</b>			
Gender %				Gender %			
Female <b>37.9%</b>				Female <b>37.8%</b>			
Male <b>62.1%</b>				Male <b>62.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.3%</b>			
AA/Black <b>10.2%</b>				AA/Black <b>11.7%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>6.0%</b>			
White <b>79.9%</b>				White <b>80.1%</b>			
Other <b>2.4%</b>				Other <b>2.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.2%</b>	<b>1.0%</b>	<b>9.2%</b>	AA/Black	<b>10.2%</b>	<b>14.4%</b>	<b>-4.2%</b>
Hispanic	<b>7.5%</b>	<b>3.9%</b>	<b>3.6%</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>79.9%</b>	<b>92.2%</b>	<b>-12.3%</b>	White	<b>79.9%</b>	<b>66.4%</b>	<b>13.5%</b>
Other	<b>2.4%</b>	<b>2.1%</b>	<b>0.3%</b>	Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	143	<b>18.1%</b>	<b>23.0%</b>	NW	73	<b>21.0%</b>	<b>19.6%</b>
White	558	<b>81.9%</b>	<b>77.0%</b>	White	288	<b>79.0%</b>	<b>80.4%</b>
Chi-square, X-tab <sup>6</sup> : .111 not sig.				Chi-square, X-tab <sup>6</sup> : .741 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .619* sig.				Odds ratio Exp(B) <sup>7</sup> : .876 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.9%</b>	<b>11.7%</b>	<b>9.1%</b>	<b>1.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>78.6%</b>	<b>8.9%</b>	<b>5.4%</b>	<b>7.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>84.8%</b>	<b>9.7%</b>	<b>3.7%</b>	<b>1.8%</b>			
Other	<b>94.4%</b>	<b>5.6%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .103 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GRANVILLE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>338</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.4%</b>	Citations per 1000	
	Passing through:	<b>78.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 337)				ITP Stops <sup>3</sup> (N = 211)			
Mean age				Mean age			
<b>38.35</b>				<b>37.14</b>			
Gender %				Gender %			
Female <b>33.6%</b>				Female <b>31.1%</b>			
Male <b>66.1%</b>				Male <b>68.9%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.6%</b>				Race % Mis/Unk <sup>4</sup> <b>5.2%</b>			
AA/Black <b>5.0%</b>				AA/Black <b>4.5%</b>			
Hispanic <b>4.1%</b>				Hispanic <b>4.0%</b>			
White <b>90.6%</b>				White <b>91.5%</b>			
Other <b>0.3%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.0%</b>	<b>14.4%</b>	<b>-9.4%</b>
Hispanic	<b>4.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>
White	<b>90.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>90.6%</b>	<b>66.4%</b>	<b>24.2%</b>
Other	<b>0.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.3%</b>	<b>4.6%</b>	<b>-4.3%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	<b>9.4%</b>	<b>7.5%</b>	NW	14	<b>8.0%</b>	<b>7.1%</b>
White	272	<b>90.6%</b>	<b>92.5%</b>	White	170	<b>92.0%</b>	<b>92.9%</b>
Chi-square, X-tab <sup>6</sup> :		.592	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.827	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		1.701	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.938	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>25.0%</b>	<b>56.3%</b>	<b>18.8%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>30.8%</b>	<b>38.5%</b>	<b>30.8%</b>	<b>0.0%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>29.8%</b>	<b>56.4%</b>	<b>13.1%</b>	<b>0.7%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.699	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GREAT BARRINGTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>139</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>30.9%</b>	Citations per 1000 18 + residents: <b>N/A</b>			
	Passing through:		<b>69.1%</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 123)</b>			<b>ITP Stops<sup>3</sup> (N = N/A)</b>				
Mean age			Mean age				
<b>42.7</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>36.1%</b>			Female <b>N/A</b>				
Male <b>63.1%</b>			Male <b>N/A</b>				
Non-binary <b>0.8%</b>			Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>			Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>4.2%</b>			AA/Black <b>N/A</b>				
Hispanic <b>8.4%</b>			Hispanic <b>N/A</b>				
White <b>86.6%</b>			White <b>N/A</b>				
Other <b>0.8%</b>			Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.2%</b>	<b>2.0%</b>	<b>2.2%</b>	AA/Black	<b>4.2%</b>	<b>14.4%</b>	<b>-10.2%</b>
Hispanic	<b>8.4%</b>	<b>3.5%</b>	<b>4.9%</b>	Hispanic	<b>8.4%</b>	<b>14.5%</b>	<b>-6.1%</b>
White	<b>86.6%</b>	<b>87.7%</b>	<b>-1.1%</b>	White	<b>86.6%</b>	<b>66.4%</b>	<b>20.2%</b>
Other	<b>0.8%</b>	<b>7.1%</b>	<b>-6.3%</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16	<b>11.1%</b>	<b>21.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	97	<b>88.9%</b>	<b>78.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.139	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.418	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>28.6%</b>	<b>0.0%</b>	<b>57.1%</b>	<b>14.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>14.3%</b>	<b>14.3%</b>	<b>42.9%</b>	<b>28.6%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>47.8%</b>	<b>19.5%</b>	<b>25.7%</b>	<b>7.1%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.051	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GREENFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>998</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>45.9%</b>	Citations per 1000	
	Passing through:	<b>54.1%</b>	18 + residents:	<b>70.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 823)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.1%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .172 not sig.				Chi-square, X-tab <sup>6</sup> : .148 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .655 not sig.				Odds ratio Exp(B) <sup>7</sup> : .367 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .027* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GROTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,247</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.7%</b>	Citations per 1000	
	Passing through:	<b>79.3%</b>	18 + residents:	<b>258.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,222)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.7%				Race % Mis/Unk <sup>4</sup> 2.2%			
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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .111 not sig.				Chi-square, X-tab <sup>6</sup> : .905 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .746 not sig.				Odds ratio Exp(B) <sup>7</sup> : .981 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GROVELAND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>413</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.2%</b>	Citations per 1000	
	Passing through:	<b>86.8%</b>	18 + residents:	<b>75.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 403)				ITP Stops <sup>3</sup> (N = 160)			
Mean age				Mean age			
<b>35.28</b>				<b>35.12</b>			
Gender %				Gender %			
Female <b>33.8%</b>				Female <b>30.4%</b>			
Male <b>66.2%</b>				Male <b>69.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.7%</b>				Race % Mis/Unk <sup>4</sup> <b>5.0%</b>			
AA/Black <b>3.9%</b>				AA/Black <b>2.6%</b>			
Hispanic <b>14.3%</b>				Hispanic <b>16.4%</b>			
White <b>80.7%</b>				White <b>80.3%</b>			
Other <b>1.0%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.9%</b>	<b>0.0%</b>	<b>3.9%</b>	AA/Black	<b>3.9%</b>	<b>14.4%</b>	<b>-10.5%</b>
Hispanic	<b>14.3%</b>	<b>3.2%</b>	<b>11.1%</b>	Hispanic	<b>14.3%</b>	<b>14.5%</b>	<b>-0.2%</b>
White	<b>80.7%</b>	<b>95.9%</b>	<b>-15.2%</b>	White	<b>80.7%</b>	<b>66.4%</b>	<b>14.3%</b>
Other	<b>1.0%</b>	<b>1.3%</b>	<b>-0.3%</b>	Other	<b>1.0%</b>	<b>4.6%</b>	<b>-3.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	70	<b>17.0%</b>	<b>24.7%</b>	NW	28	<b>18.8%</b>	<b>22.0%</b>
White	300	<b>83.0%</b>	<b>75.3%</b>	White	114	<b>81.2%</b>	<b>78.0%</b>
Chi-square, X-tab <sup>6</sup> :		.098	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.670	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.679	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.796	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.0%</b>	<b>13.3%</b>	<b>40.0%</b>	<b>6.7%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>39.7%</b>	<b>24.1%</b>	<b>36.2%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>45.4%</b>	<b>32.2%</b>	<b>19.9%</b>	<b>2.5%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.081	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HADLEY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,458</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>5.7%</b>	Citations per 1000	
	Passing through:	<b>94.3%</b>	18 + residents:	<b>325.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,380)				ITP Stops <sup>3</sup> (N = 540)			
Mean age				Mean age			
<b>33.15</b>				<b>34.51</b>			
Gender %				Gender %			
Female <b>39.0%</b>				Female <b>39.4%</b>			
Male <b>60.9%</b>				Male <b>60.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>12.0%</b>				AA/Black <b>9.7%</b>			
Hispanic <b>10.3%</b>				Hispanic <b>11.8%</b>			
White <b>73.5%</b>				White <b>74.4%</b>			
Other <b>4.2%</b>				Other <b>4.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.0%</b>	<b>7.9%</b>	<b>4.1%</b>	AA/Black	<b>12.0%</b>	<b>14.4%</b>	<b>-2.4%</b>
Hispanic	<b>10.3%</b>	<b>2.3%</b>	<b>8.0%</b>	Hispanic	<b>10.3%</b>	<b>14.5%</b>	<b>-4.2%</b>
White	<b>73.5%</b>	<b>84.6%</b>	<b>-11.1%</b>	White	<b>73.5%</b>	<b>66.4%</b>	<b>7.1%</b>
Other	<b>4.2%</b>	<b>5.7%</b>	<b>-1.5%</b>	Other	<b>4.2%</b>	<b>4.6%</b>	<b>-0.4%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	338	<b>23.7%</b>	<b>30.5%</b>	NW	125	<b>28.6%</b>	<b>23.7%</b>
White	900	<b>76.3%</b>	<b>69.5%</b>	White	345	<b>71.4%</b>	<b>76.3%</b>
Chi-square, X-tab <sup>6</sup> : .007* sig.				Chi-square, X-tab <sup>6</sup> : .235 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .650* sig.				Odds ratio Exp(B) <sup>7</sup> : .966 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.0%</b>	<b>17.5%</b>	<b>18.7%</b>	<b>7.8%</b>	NW	<b>13</b>	<b>N/A</b>
Hispanic	<b>44.6%</b>	<b>20.3%</b>	<b>25.7%</b>	<b>9.5%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>61.6%</b>	<b>19.7%</b>	<b>12.9%</b>	<b>5.8%</b>			
Other	<b>63.3%</b>	<b>20.0%</b>	<b>11.7%</b>	<b>5.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HALIFAX POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>114</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		<b>22.1%</b>	Citations per 1000					
	Passing through:		<b>77.9%</b>	18 + residents:		<b>18.3</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes									
<b>All Stops<sup>2</sup> (N = 95)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>					
Mean age				Mean age					
<b>34</b>				<b>N/A</b>					
Gender %				Gender %					
Female		<b>26.3%</b>		Female		<b>N/A</b>			
Male		<b>73.7%</b>		Male		<b>N/A</b>			
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>			
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>			
		<b>3.2%</b>				<b>N/A</b>			
AA/Black		<b>3.3%</b>		AA/Black		<b>N/A</b>			
Hispanic		<b>6.5%</b>		Hispanic		<b>N/A</b>			
White		<b>89.1%</b>		White		<b>N/A</b>			
Other		<b>1.1%</b>		Other		<b>N/A</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
<b>Comparative Analyses</b>									
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif			
AA/Black	<b>3.3%</b>	<b>2.3%</b>	<b>1.0%</b>	AA/Black	<b>3.3%</b>	<b>14.4%</b>	<b>-11.1%</b>		
Hispanic	<b>6.5%</b>	<b>0.7%</b>	<b>5.8%</b>	Hispanic	<b>6.5%</b>	<b>14.5%</b>	<b>-8.0%</b>		
White	<b>89.1%</b>	<b>96.2%</b>	<b>-7.1%</b>	White	<b>89.1%</b>	<b>66.4%</b>	<b>22.7%</b>		
Other	<b>1.1%</b>	<b>0.9%</b>	<b>0.2%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
<b>VoD Analyses</b>									
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :	
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :	
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
<sup>7</sup> 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.									
<b>Citation Outcomes by Race<sup>8</sup></b>									
	Warning	Civil	Criminal	Arrest		Search?			
AA/Black	<b>40.0%</b>	<b>0.0%</b>	<b>40.0%</b>	<b>20.0%</b>	NW	<b>2</b>	<b>N/A</b>		
Hispanic	<b>33.3%</b>	<b>33.3%</b>	<b>33.3%</b>	<b>0.0%</b>	White	<b>26</b>	<b>N/A</b>		
White	<b>48.5%</b>	<b>25.3%</b>	<b>25.3%</b>	<b>1.0%</b>					
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent		
Chi-square, X-tab <sup>6</sup> :		.101	not sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes									

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HAMILTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>246</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		<b>0.9%</b>	Citations per 1000					
	Passing through:		<b>99.1%</b>	18 + residents: <b>41.2</b>					
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes									
<b>All Stops<sup>2</sup> (N = 233)</b>			<b>ITP Stops<sup>3</sup> (N = N/A)</b>						
Mean age			Mean age						
<b>38.24</b>			<b>N/A</b>						
Gender %			Gender %						
Female <b>37.0%</b>			Female <b>N/A</b>						
Male <b>63.0%</b>			Male <b>N/A</b>						
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>						
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			Race % Mis/Unk <sup>4</sup> <b>N/A</b>						
AA/Black <b>3.5%</b>			AA/Black <b>N/A</b>						
Hispanic <b>7.9%</b>			Hispanic <b>N/A</b>						
White <b>85.5%</b>			White <b>N/A</b>						
Other <b>3.1%</b>			Other <b>N/A</b>						
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
<b>Comparative Analyses</b>									
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>					
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif			
AA/Black	<b>3.5%</b>	<b>0.3%</b>	<b>3.2%</b>	AA/Black	<b>3.5%</b>	<b>14.4%</b>	<b>-10.9%</b>		
Hispanic	<b>7.9%</b>	<b>1.5%</b>	<b>6.4%</b>	Hispanic	<b>7.9%</b>	<b>14.5%</b>	<b>-6.6%</b>		
White	<b>85.5%</b>	<b>91.0%</b>	<b>-5.5%</b>	White	<b>85.5%</b>	<b>66.4%</b>	<b>19.1%</b>		
Other	<b>3.1%</b>	<b>7.3%</b>	<b>-4.2%</b>	Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
<b>VoD Analyses</b>									
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>					
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness		
NW	33	<b>15.8%</b>	<b>14.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	180	<b>84.2%</b>	<b>85.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :			.809	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :			1.344	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
<sup>7</sup> 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.									
<b>Citation Outcomes by Race<sup>8</sup></b>									
	Warning	Civil	Criminal	Arrest		Search?			
AA/Black	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>		
Hispanic	<b>35.0%</b>	<b>15.0%</b>	<b>45.0%</b>	<b>5.0%</b>	White	<b>2</b>	<b>N/A</b>		
White	<b>72.3%</b>	<b>12.1%</b>	<b>15.5%</b>	<b>0.0%</b>					
Other	<b>85.7%</b>	<b>0.0%</b>	<b>14.3%</b>	<b>0.0%</b>		Counts	Percent		
Chi-square, X-tab <sup>6</sup> :			.002*	sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes									

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HAMPDEN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>249</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		<b>22.6%</b>	Citations per 1000 18 + residents:					
	Passing through:		<b>77.4%</b>	<b>57.6</b>					
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes									
<b>All Stops<sup>2</sup> (N = 234)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>					
Mean age				Mean age					
<b>33.12</b>				<b>N/A</b>					
Gender %				Gender %					
Female		<b>41.6%</b>		Female		<b>N/A</b>			
Male		<b>58.4%</b>		Male		<b>N/A</b>			
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>			
Race %		Mis/Unk <sup>4</sup>	<b>3.0%</b>	Race %		Mis/Unk <sup>4</sup>	<b>N/A</b>		
AA/Black		<b>4.8%</b>		AA/Black		<b>N/A</b>			
Hispanic		<b>3.5%</b>		Hispanic		<b>N/A</b>			
White		<b>91.2%</b>		White		<b>N/A</b>			
Other		<b>0.4%</b>		Other		<b>N/A</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
<b>Comparative Analyses</b>									
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		<b>4.8%</b>	<b>0.2%</b>	<b>4.6%</b>	AA/Black		<b>4.8%</b>	<b>14.4%</b>	<b>-9.6%</b>
Hispanic		<b>3.5%</b>	<b>3.7%</b>	<b>-0.2%</b>	Hispanic		<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
White		<b>91.2%</b>	<b>93.9%</b>	<b>-2.7%</b>	White		<b>91.2%</b>	<b>66.4%</b>	<b>24.8%</b>
Other		<b>0.4%</b>	<b>5.5%</b>	<b>-5.1%</b>	Other		<b>0.4%</b>	<b>4.6%</b>	<b>-4.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
<b>VoD Analyses</b>									
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	NW		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
White		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	White		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		<b>N/A</b>	<b>N/A</b>	Chi-square, X-tab <sup>6</sup> :		<b>N/A</b>	<b>N/A</b>	Chi-square, X-tab <sup>6</sup> :	
Odds ratio Exp(B) <sup>7</sup> :		<b>N/A</b>	<b>N/A</b>	Odds ratio Exp(B) <sup>7</sup> :		<b>N/A</b>	<b>N/A</b>	Odds ratio Exp(B) <sup>7</sup> :	
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
<sup>7</sup> 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.									
<b>Citation Outcomes by Race<sup>8</sup></b>									
		Warning	Civil	Criminal	Arrest		Search?		
AA/Black		<b>50.0%</b>	<b>21.4%</b>	<b>28.6%</b>	<b>0.0%</b>	<b>NW</b>	<b>2</b>	<b>N/A</b>	
Hispanic		<b>60.0%</b>	<b>40.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>White</b>	<b>10</b>	<b>N/A</b>	
White		<b>75.5%</b>	<b>13.4%</b>	<b>9.3%</b>	<b>1.9%</b>				
Other		<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :		<b>.101</b>	<b>not sig.</b>						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes									

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HANOVER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>928</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>86.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 828)				ITP Stops <sup>3</sup> (N = 289)			
Mean age				Mean age			
<b>37.28</b>				<b>36.51</b>			
Gender %				Gender %			
Female <b>34.9%</b>				Female <b>29.8%</b>			
Male <b>65.1%</b>				Male <b>70.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.5%</b>			
AA/Black <b>7.1%</b>				AA/Black <b>7.2%</b>			
Hispanic <b>4.7%</b>				Hispanic <b>4.3%</b>			
White <b>86.8%</b>				White <b>87.1%</b>			
Other <b>1.4%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.1%</b>	<b>1.0%</b>	<b>6.1%</b>	AA/Black	<b>7.1%</b>	<b>14.4%</b>	<b>-7.3%</b>
Hispanic	<b>4.7%</b>	<b>0.6%</b>	<b>4.1%</b>	Hispanic	<b>4.7%</b>	<b>14.5%</b>	<b>-9.8%</b>
White	<b>86.8%</b>	<b>96.5%</b>	<b>-9.7%</b>	White	<b>86.8%</b>	<b>66.4%</b>	<b>20.4%</b>
Other	<b>1.4%</b>	<b>1.2%</b>	<b>0.2%</b>	Other	<b>1.4%</b>	<b>4.6%</b>	<b>-3.2%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	99	<b>11.8%</b>	<b>16.4%</b>	NW	32	<b>11.2%</b>	<b>16.7%</b>
White	657	<b>88.2%</b>	<b>83.6%</b>	White	216	<b>88.8%</b>	<b>83.3%</b>
Chi-square, X-tab <sup>6</sup> :		.088	not sig.	Chi-square, X-tab <sup>6</sup> :		.231	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.770	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.676	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.0%</b>	<b>24.6%</b>	<b>29.2%</b>	<b>6.2%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>28.6%</b>	<b>23.8%</b>	<b>42.9%</b>	<b>4.8%</b>	White	<b>20</b>	<b>N/A</b>
White	<b>59.3%</b>	<b>29.5%</b>	<b>8.3%</b>	<b>2.9%</b>			
Other	<b>54.5%</b>	<b>27.3%</b>	<b>9.1%</b>	<b>9.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HANSON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>452</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.1%</b>	Citations per 1000	
	Passing through:	<b>79.9%</b>	18 + residents:	<b>51.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 423)				ITP Stops <sup>3</sup> (N = 206)			
Mean age				Mean age			
<b>36.81</b>				<b>37.71</b>			
Gender %				Gender %			
Female <b>37.4%</b>				Female <b>33.5%</b>			
Male <b>62.1%</b>				Male <b>65.5%</b>			
Non-binary <b>0.5%</b>				Non-binary <b>1.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>9.8%</b>				AA/Black <b>8.8%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>7.8%</b>			
White <b>83.0%</b>				White <b>83.3%</b>			
Other <b>0.5%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.8%</b>	<b>0.3%</b>	<b>9.5%</b>	AA/Black	<b>9.8%</b>	<b>14.4%</b>	<b>-4.6%</b>
Hispanic	<b>6.7%</b>	<b>0.9%</b>	<b>5.8%</b>	Hispanic	<b>6.7%</b>	<b>14.5%</b>	<b>-7.8%</b>
White	<b>83.0%</b>	<b>93.3%</b>	<b>-10.3%</b>	White	<b>83.0%</b>	<b>66.4%</b>	<b>16.6%</b>
Other	<b>0.5%</b>	<b>4.8%</b>	<b>-4.3%</b>	Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	<b>12.7%</b>	<b>22.1%</b>	NW	31	<b>14.5%</b>	<b>17.9%</b>
White	333	<b>87.3%</b>	<b>77.9%</b>	White	163	<b>85.5%</b>	<b>82.1%</b>
Chi-square, X-tab <sup>6</sup> : .013* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .533 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .575 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .576 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>64.3%</b>	<b>14.3%</b>	<b>19.0%</b>	<b>2.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>65.5%</b>	<b>6.9%</b>	<b>24.1%</b>	<b>3.4%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>69.9%</b>	<b>11.0%</b>	<b>13.7%</b>	<b>5.4%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .806 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HARDWICK POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>244</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>22.1%</b>	Citations per 1000			
	Passing through:		<b>77.9%</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 231)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>38.53</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>36.4%</b>		Female		<b>N/A</b>	
Male		<b>63.5%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>0.4%</b>				<b>N/A</b>	
AA/Black		<b>3.0%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>3.5%</b>		Hispanic		<b>N/A</b>	
White		<b>93.0%</b>		White		<b>N/A</b>	
Other		<b>0.4%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>3.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.0%</b>	<b>14.4%</b>	<b>-11.4%</b>
Hispanic	<b>3.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
White	<b>93.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>93.0%</b>	<b>66.4%</b>	<b>26.6%</b>
Other	<b>0.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.4%</b>	<b>4.6%</b>	<b>-4.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>25.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>37.5%</b>	<b>12.5%</b>	<b>0.0%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>64.2%</b>	<b>18.6%</b>	<b>13.7%</b>	<b>3.5%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		<b>.042*</b>		<i>sig.</i>			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HARVARD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>137</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>16.1%</b>	Citations per 1000			
	Passing through:		<b>83.9%</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 118)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>39.83</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>34.2%</b>		Female		<b>N/A</b>	
Male		<b>65.8%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>4.2%</b>				<b>N/A</b>	
AA/Black		<b>4.4%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>12.4%</b>		Hispanic		<b>N/A</b>	
White		<b>78.8%</b>		White		<b>N/A</b>	
Other		<b>4.4%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.4%</b>	<b>14.4%</b>	<b>-10.0%</b>
Hispanic	<b>12.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>12.4%</b>	<b>14.5%</b>	<b>-2.1%</b>
White	<b>78.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>78.8%</b>	<b>66.4%</b>	<b>12.4%</b>
Other	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.4%</b>	<b>4.6%</b>	<b>-0.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	<b>19.7%</b>	<b>22.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	83	<b>80.3%</b>	<b>77.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.704	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.692	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>35.7%</b>	<b>0.0%</b>	<b>14.3%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>64.5%</b>	<b>23.4%</b>	<b>10.3%</b>	<b>1.9%</b>			
Other	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.168	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HARWICH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>330</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>27.2%</b>	Citations per 1000 18 + residents: <b>31.6</b>		
	Passing through:		<b>72.8%</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 283)</b>			<b>ITP Stops<sup>3</sup> (N = 109)</b>			
Mean age			Mean age			
<b>36.76</b>			<b>36.26</b>			
Gender %			Gender %			
Female <b>33.5%</b>			Female <b>30.5%</b>			
Male <b>66.5%</b>			Male <b>69.5%</b>			
Non-binary <b>0.0%</b>			Non-binary <b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>	Race %		Mis/Unk <sup>4</sup>	
AA/Black <b>12.1%</b>		<b>3.9%</b>	AA/Black <b>10.5%</b>		<b>3.7%</b>	
Hispanic <b>1.5%</b>			Hispanic <b>1.0%</b>			
White <b>85.7%</b>			White <b>86.7%</b>			
Other <b>0.7%</b>			Other <b>1.9%</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	<b>12.1%</b>	<b>3.2%</b>	<b>8.9%</b>	AA/Black	<b>12.1%</b>	<b>14.4%</b> <b>-2.3%</b>
Hispanic	<b>1.5%</b>	<b>2.2%</b>	<b>-0.7%</b>	Hispanic	<b>1.5%</b>	<b>14.5%</b> <b>-13.0%</b>
White	<b>85.7%</b>	<b>91.8%</b>	<b>-6.1%</b>	White	<b>85.7%</b>	<b>66.4%</b> <b>19.3%</b>
Other	<b>0.7%</b>	<b>2.0%</b>	<b>-1.3%</b>	Other	<b>0.7%</b>	<b>4.6%</b> <b>-3.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	34	<b>11.2%</b>	<b>17.6%</b>	NW	N/A	<b>N/A</b> <b>N/A</b>
White	221	<b>88.8%</b>	<b>82.4%</b>	White	N/A	<b>N/A</b> <b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.152	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		.514	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search? Counts Percent
AA/Black	<b>43.2%</b>	<b>21.6%</b>	<b>21.6%</b>	<b>13.5%</b>	NW	<b>0</b> <b>N/A</b>
Hispanic	<b>40.0%</b>	<b>0.0%</b>	<b>60.0%</b>	<b>0.0%</b>	White	<b>6</b> <b>N/A</b>
White	<b>61.3%</b>	<b>6.6%</b>	<b>27.4%</b>	<b>4.7%</b>		
Other	<b>33.3%</b>	<b>33.3%</b>	<b>33.3%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.012*	sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HATFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>138</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>18.3%</b>	Citations per 1000			
	Passing through:		<b>81.7%</b>	18 + residents: <b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup></b>			<b>(N = 131)</b>				
Mean age			<b>38.46</b>				
Gender %			N/A				
Female			<b>36.2%</b>				
Male			<b>63.8%</b>				
Non-binary			<b>0.0%</b>				
Race % Mis/Unk <sup>4</sup>			<b>0.8%</b>				
AA/Black			<b>5.4%</b>				
Hispanic			<b>12.3%</b>				
White			<b>81.5%</b>				
Other			<b>0.8%</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.4%</b>	<b>14.4%</b>	<b>-9.0%</b>
Hispanic	<b>12.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>12.3%</b>	<b>14.5%</b>	<b>-2.2%</b>
White	<b>81.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>81.5%</b>	<b>66.4%</b>	<b>15.1%</b>
Other	<b>0.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	<b>18.4%</b>	<b>18.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	98	<b>81.6%</b>	<b>81.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.979	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.335	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.1%</b>	<b>0.0%</b>	<b>42.9%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>55.6%</b>	<b>11.1%</b>	<b>33.3%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>74.8%</b>	<b>18.9%</b>	<b>3.6%</b>	<b>2.7%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>8</sup> :		.001* sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HAVERHILL POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>5,210</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>55.9%</b>	Citations per 1000	
	Passing through:	<b>44.1%</b>	18 + residents:	<b>105.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,937)				ITP Stops <sup>3</sup> (N = 2,243)			
Mean age				Mean age			
<b>36.58</b>				<b>36.4</b>			
Gender %				Gender %			
Female <b>35.8%</b>				Female <b>35.9%</b>			
Male <b>64.1%</b>				Male <b>63.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>5.6%</b>				AA/Black <b>4.8%</b>			
Hispanic <b>22.3%</b>				Hispanic <b>21.2%</b>			
White <b>71.2%</b>				White <b>73.0%</b>			
Other <b>1.0%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>5.6%</b>	<b>3.6%</b>	<b>2.0%</b>	AA/Black	<b>5.6%</b>	<b>-8.8%</b>
Hispanic	<b>22.3%</b>	<b>23.2%</b>	<b>-0.9%</b>	Hispanic	<b>22.3%</b>	<b>7.8%</b>
White	<b>71.2%</b>	<b>69.7%</b>	<b>1.5%</b>	White	<b>71.2%</b>	<b>4.8%</b>
Other	<b>1.0%</b>	<b>6.2%</b>	<b>-5.2%</b>	Other	<b>1.0%</b>	<b>-3.6%</b>

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,286	<b>25.1%</b>	<b>34.6%</b>	NW	531	<b>22.3%</b>	<b>32.8%</b>
White	3,173	<b>74.9%</b>	<b>65.4%</b>	White	1,474	<b>77.7%</b>	<b>67.2%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.000*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.630*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.505*	sig.

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.3%</b>	<b>17.2%</b>	<b>19.6%</b>	<b>3.9%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>61.2%</b>	<b>13.7%</b>	<b>21.2%</b>	<b>3.8%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>58.7%</b>	<b>25.4%</b>	<b>13.3%</b>	<b>2.6%</b>			
Other	<b>68.1%</b>	<b>19.1%</b>	<b>8.5%</b>	<b>4.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HINGHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,307</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.2%</b>	Citations per 1000	
	Passing through:	<b>73.8%</b>	18 + residents:	<b>181.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,180)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.1%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .081 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .561* sig.				Odds ratio Exp(B) <sup>7</sup> : .633 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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%			
Chi-square, X-tab <sup>6</sup> : .000* sig.						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HOLBROOK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>258</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>24.5%</b>	Citations per 1000 18 + residents:		
	Passing through:		<b>75.5%</b>	<b>39.6</b>		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 299)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>		
Mean age				Mean age		
<b>43</b>				<b>N/A</b>		
Gender %				Gender %		
Female		<b>31.9%</b>		Female		<b>N/A</b>
Male		<b>68.1%</b>		Male		<b>N/A</b>
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>
		<b>0.3%</b>				<b>N/A</b>
AA/Black		<b>28.2%</b>		AA/Black		<b>N/A</b>
Hispanic		<b>10.4%</b>		Hispanic		<b>N/A</b>
White		<b>57.7%</b>		White		<b>N/A</b>
Other		<b>3.7%</b>		Other		<b>N/A</b>
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	<b>28.2%</b>	<b>16.8%</b>	<b>N/A</b>	AA/Black	<b>28.2%</b>	<b>14.4%</b>
Hispanic	<b>10.4%</b>	<b>6.7%</b>	<b>N/A</b>	Hispanic	<b>10.4%</b>	<b>14.5%</b>
White	<b>57.7%</b>	<b>72.1%</b>	<b>N/A</b>	White	<b>57.7%</b>	<b>66.4%</b>
Other	<b>3.7%</b>	<b>7.0%</b>	<b>N/A</b>	Other	<b>3.7%</b>	<b>4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	120	<b>38.1%</b>	<b>50.6%</b>	NW	N/A	<b>N/A</b>
White	167	<b>61.9%</b>	<b>49.4%</b>	White	N/A	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.051	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A
Odds ratio Exp(B) <sup>7</sup> :		.717	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>63.7%</b>	<b>6.9%</b>	<b>25.5%</b>	<b>3.9%</b>	NW	<b>0</b>
Hispanic	<b>62.5%</b>	<b>2.5%</b>	<b>32.5%</b>	<b>2.5%</b>	White	<b>8</b>
White	<b>70.0%</b>	<b>5.5%</b>	<b>18.0%</b>	<b>6.5%</b>		
Other	<b>69.2%</b>	<b>0.0%</b>	<b>30.8%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.440	not sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HOLDEN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,029</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.2%</b>	Citations per 1000	
	Passing through:	<b>74.8%</b>	18 + residents:	<b>205.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,014)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .068 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .659* sig.				Odds ratio Exp(B) <sup>7</sup> : .472* sig.			

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

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HOLLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>199</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>39.7%</b>	Citations per 1000 18 + residents:		
	Passing through:		<b>60.3%</b>	<b>N/A</b>		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 199)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>		
Mean age				Mean age		
<b>40.03</b>				<b>N/A</b>		
Gender %				Gender %		
Female		<b>37.1%</b>		Female		<b>N/A</b>
Male		<b>62.9%</b>		Male		<b>N/A</b>
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>
		<b>1.5%</b>				<b>N/A</b>
AA/Black		<b>1.5%</b>		AA/Black		<b>N/A</b>
Hispanic		<b>3.6%</b>		Hispanic		<b>N/A</b>
White		<b>90.8%</b>		White		<b>N/A</b>
Other		<b>4.1%</b>		Other		<b>N/A</b>
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	<b>1.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>1.5%</b>	<b>14.4%</b>
Hispanic	<b>3.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.6%</b>	<b>14.5%</b>
White	<b>90.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>90.8%</b>	<b>66.4%</b>
Other	<b>4.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.1%</b>	<b>4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>66.7%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>71.4%</b>	<b>28.6%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>
White	<b>72.5%</b>	<b>22.5%</b>	<b>5.1%</b>	<b>0.0%</b>		
Other	<b>37.5%</b>	<b>50.0%</b>	<b>12.5%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.131 not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HOLLISTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,051</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.5%</b>	Citations per 1000	
	Passing through:	<b>80.5%</b>	18 + residents:	<b>184.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,020)				ITP Stops <sup>3</sup> (N = 1,102)			
Mean age				Mean age			
<b>38.26</b>				<b>38.41</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>35.6%</b>			
Male <b>63.7%</b>				Male <b>64.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>3.7%</b>			
AA/Black <b>6.7%</b>				AA/Black <b>6.6%</b>			
Hispanic <b>7.1%</b>				Hispanic <b>6.5%</b>			
White <b>84.2%</b>				White <b>85.0%</b>			
Other <b>2.0%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.7%</b>	<b>1.2%</b>	<b>5.5%</b>	AA/Black	<b>6.7%</b>	<b>14.4%</b>	<b>-7.7%</b>
Hispanic	<b>7.1%</b>	<b>3.9%</b>	<b>3.2%</b>	Hispanic	<b>7.1%</b>	<b>14.5%</b>	<b>-7.4%</b>
White	<b>84.2%</b>	<b>87.4%</b>	<b>-3.2%</b>	White	<b>84.2%</b>	<b>66.4%</b>	<b>17.8%</b>
Other	<b>2.0%</b>	<b>7.8%</b>	<b>-5.8%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	292	<b>14.4%</b>	<b>18.7%</b>	NW	141	<b>14.1%</b>	<b>16.3%</b>
White	1,557	<b>85.6%</b>	<b>81.3%</b>	White	808	<b>85.9%</b>	<b>83.7%</b>
Chi-square, X-tab <sup>6</sup> :		.018*	sig.	Chi-square, X-tab <sup>6</sup> :		.347	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.860	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.487	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.7%</b>	<b>14.4%</b>	<b>11.4%</b>	<b>1.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>45.1%</b>	<b>12.5%</b>	<b>36.8%</b>	<b>5.6%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>80.5%</b>	<b>8.2%</b>	<b>9.5%</b>	<b>1.7%</b>			
Other	<b>89.7%</b>	<b>10.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HOLYOKE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>867</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>42.1%</b>	Citations per 1000	
	Passing through:	<b>57.9%</b>	18 + residents:	<b>28.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 773)				ITP Stops <sup>3</sup> (N = 190)			
Mean age				Mean age			
<b>35.52</b>				<b>35.38</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>34.0%</b>			
Male <b>63.7%</b>				Male <b>66.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.7%</b>				Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			
AA/Black <b>6.9%</b>				AA/Black <b>4.3%</b>			
Hispanic <b>17.7%</b>				Hispanic <b>30.6%</b>			
White <b>74.6%</b>				White <b>64.5%</b>			
Other <b>0.8%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>4.5%</b>	<b>2.4%</b>	AA/Black	<b>6.9%</b>	<b>14.4%</b>	<b>-7.5%</b>
Hispanic	<b>17.7%</b>	<b>53.9%</b>	<b>-36.2%</b>	Hispanic	<b>17.7%</b>	<b>14.5%</b>	<b>3.2%</b>
White	<b>74.6%</b>	<b>41.3%</b>	<b>33.3%</b>	White	<b>74.6%</b>	<b>66.4%</b>	<b>8.2%</b>
Other	<b>0.8%</b>	<b>3.7%</b>	<b>-2.9%</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	150	<b>25.6%</b>	<b>30.2%</b>	NW	60	<b>37.4%</b>	<b>38.5%</b>
White	401	<b>74.4%</b>	<b>69.8%</b>	White	99	<b>62.6%</b>	<b>61.5%</b>
Chi-square, X-tab <sup>6</sup> :		.250	not sig.	Chi-square, X-tab <sup>6</sup> :		.895	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.883	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.957	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.5%</b>	<b>8.9%</b>	<b>30.4%</b>	<b>23.2%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>56.0%</b>	<b>14.0%</b>	<b>14.0%</b>	<b>16.0%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>39.0%</b>	<b>12.6%</b>	<b>25.3%</b>	<b>23.1%</b>			
Other	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.007*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HOPEDALE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>273</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.7%</b>	Citations per 1000	
	Passing through:	<b>83.3%</b>	18 + residents:	<b>60.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 258)				ITP Stops <sup>3</sup> (N = 146)			
Mean age				Mean age			
<b>35.26</b>				<b>33.24</b>			
Gender %				Gender %			
Female <b>28.7%</b>				Female <b>28.0%</b>			
Male <b>71.3%</b>				Male <b>72.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.1%</b>				Race % Mis/Unk <sup>4</sup> <b>4.1%</b>			
AA/Black <b>4.4%</b>				AA/Black <b>3.6%</b>			
Hispanic <b>14.8%</b>				Hispanic <b>15.7%</b>			
White <b>79.2%</b>				White <b>78.6%</b>			
Other <b>1.6%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.4%</b>	<b>0.3%</b>	<b>4.1%</b>	AA/Black	<b>4.4%</b>	<b>14.4%</b>	<b>-10.0%</b>
Hispanic	<b>14.8%</b>	<b>1.0%</b>	<b>13.8%</b>	Hispanic	<b>14.8%</b>	<b>14.5%</b>	<b>0.3%</b>
White	<b>79.2%</b>	<b>96.1%</b>	<b>-16.9%</b>	White	<b>79.2%</b>	<b>66.4%</b>	<b>12.8%</b>
Other	<b>1.6%</b>	<b>2.7%</b>	<b>-1.1%</b>	Other	<b>1.6%</b>	<b>4.6%</b>	<b>-3.0%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	<b>19.1%</b>	<b>25.4%</b>	NW	28	<b>21.4%</b>	<b>22.2%</b>
White	184	<b>80.9%</b>	<b>74.6%</b>	White	102	<b>78.6%</b>	<b>77.8%</b>
Chi-square, X-tab <sup>6</sup> :		.299	not sig.	Chi-square, X-tab <sup>6</sup> :		.923	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.713	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.273	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>16.7%</b>	<b>8.3%</b>	<b>58.3%</b>	<b>16.7%</b>	NW	<b>0</b>	
Hispanic	<b>12.2%</b>	<b>2.4%</b>	<b>82.9%</b>	<b>2.4%</b>	White	<b>2</b>	
White	<b>54.8%</b>	<b>18.8%</b>	<b>23.6%</b>	<b>2.9%</b>			
Other	<b>25.0%</b>	<b>0.0%</b>	<b>75.0%</b>	<b>0.0%</b>	Counts	Percent	
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HOPKINTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,260</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.6%</b>	Citations per 1000	
	Passing through:	<b>70.4%</b>	18 + residents:	<b>92.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,229)				ITP Stops <sup>3</sup> (N = 498)			
Mean age				Mean age			
<b>37.62</b>				<b>38.72</b>			
Gender %				Gender %			
Female <b>33.1%</b>				Female <b>29.5%</b>			
Male <b>66.9%</b>				Male <b>70.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>5.6%</b>				AA/Black <b>4.7%</b>			
Hispanic <b>17.1%</b>				Hispanic <b>15.6%</b>			
White <b>66.8%</b>				White <b>69.2%</b>			
Other <b>10.5%</b>				Other <b>10.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>1.9%</b>	<b>3.7%</b>	AA/Black	<b>5.6%</b>	<b>14.4%</b>	<b>-8.8%</b>
Hispanic	<b>17.1%</b>	<b>3.2%</b>	<b>13.9%</b>	Hispanic	<b>17.1%</b>	<b>14.5%</b>	<b>2.6%</b>
White	<b>66.8%</b>	<b>81.6%</b>	<b>-14.8%</b>	White	<b>66.8%</b>	<b>66.4%</b>	<b>0.4%</b>
Other	<b>10.5%</b>	<b>13.3%</b>	<b>-2.8%</b>	Other	<b>10.5%</b>	<b>4.6%</b>	<b>5.9%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	379	<b>30.1%</b>	<b>39.3%</b>	NW	128	<b>30.0%</b>	<b>32.9%</b>
White	751	<b>69.9%</b>	<b>60.7%</b>	White	285	<b>70.0%</b>	<b>67.1%</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : .557 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .690* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.112 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.3%</b>	<b>5.7%</b>	<b>18.6%</b>	<b>1.4%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>46.2%</b>	<b>12.9%</b>	<b>35.7%</b>	<b>5.2%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>75.8%</b>	<b>13.1%</b>	<b>8.7%</b>	<b>2.4%</b>			
Other	<b>79.5%</b>	<b>13.4%</b>	<b>5.5%</b>	<b>1.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HUBBARDSTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>372</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.2%</b>	Citations per 1000	
	Passing through:	<b>78.8%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 347)				ITP Stops <sup>3</sup> (N = 160)			
Mean age				Mean age			
<b>35.94</b>				<b>35.06</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>34.4%</b>			
Male <b>64.7%</b>				Male <b>65.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>5.9%</b>				AA/Black <b>4.4%</b>			
Hispanic <b>10.9%</b>				Hispanic <b>9.4%</b>			
White <b>82.4%</b>				White <b>85.6%</b>			
Other <b>0.9%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.9%</b>	<b>14.4%</b>	<b>-8.5%</b>
Hispanic	<b>10.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>10.9%</b>	<b>14.5%</b>	<b>-3.6%</b>
White	<b>82.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>82.4%</b>	<b>66.4%</b>	<b>16.0%</b>
Other	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.9%</b>	<b>4.6%</b>	<b>-3.7%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	60	<b>15.5%</b>	<b>29.9%</b>	NW	23	<b>12.1%</b>	<b>25.7%</b>
White	256	<b>84.5%</b>	<b>70.1%</b>	White	128	<b>87.9%</b>	<b>74.3%</b>
Chi-square, X-tab <sup>6</sup> : .005* sig.				Chi-square, X-tab <sup>6</sup> : .049* sig.			
Odds ratio Exp(B) <sup>7</sup> : .429* sig.				Odds ratio Exp(B) <sup>7</sup> : .604 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>33.3%</b>	<b>19.0%</b>	<b>47.6%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>21.6%</b>	<b>8.1%</b>	<b>67.6%</b>	<b>2.7%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>34.9%</b>	<b>14.5%</b>	<b>49.7%</b>	<b>1.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .424 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HUDSON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,000</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.6%</b>	Citations per 1000	
	Passing through:	<b>63.4%</b>	18 + residents:	<b>62.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 958)				ITP Stops <sup>3</sup> (N = 466)			
Mean age				Mean age			
<b>38.55</b>				<b>38.27</b>			
Gender %				Gender %			
Female <b>36.9%</b>				Female <b>32.9%</b>			
Male <b>63.0%</b>				Male <b>66.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>9.2%</b>				Race % Mis/Unk <sup>4</sup> <b>11.6%</b>			
AA/Black <b>3.4%</b>				AA/Black <b>3.2%</b>			
Hispanic <b>7.4%</b>				Hispanic <b>7.0%</b>			
White <b>87.1%</b>				White <b>87.1%</b>			
Other <b>2.1%</b>				Other <b>2.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.4%</b>	<b>1.2%</b>	<b>2.2%</b>	AA/Black	<b>3.4%</b>	<b>14.4%</b>	<b>-11.0%</b>
Hispanic	<b>7.4%</b>	<b>5.8%</b>	<b>1.6%</b>	Hispanic	<b>7.4%</b>	<b>14.5%</b>	<b>-7.1%</b>
White	<b>87.1%</b>	<b>89.2%</b>	<b>-2.1%</b>	White	<b>87.1%</b>	<b>66.4%</b>	<b>20.7%</b>
Other	<b>2.1%</b>	<b>3.5%</b>	<b>-1.4%</b>	Other	<b>2.1%</b>	<b>4.6%</b>	<b>-2.5%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	105	<b>11.5%</b>	<b>15.7%</b>	NW	46	<b>11.7%</b>	<b>12.9%</b>
White	725	<b>88.5%</b>	<b>84.3%</b>	White	334	<b>88.3%</b>	<b>87.1%</b>
Chi-square, X-tab <sup>6</sup> :		.107	not sig.	Chi-square, X-tab <sup>6</sup> :		.740	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.735	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.696	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.1%</b>	<b>6.3%</b>	<b>12.5%</b>	<b>3.1%</b>	NW	<b>13</b>	<b>N/A</b>
Hispanic	<b>50.7%</b>	<b>15.9%</b>	<b>29.0%</b>	<b>4.3%</b>	White	<b>51</b>	<b>N/A</b>
White	<b>78.9%</b>	<b>9.0%</b>	<b>9.1%</b>	<b>3.0%</b>			
Other	<b>88.9%</b>	<b>11.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT HULL POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>747</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.9%</b>	Citations per 1000	
	Passing through:	<b>68.1%</b>	18 + residents:	<b>82</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 700)				ITP Stops <sup>3</sup> (N = 319)			
Mean age				Mean age			
<b>38.23</b>				<b>38.6</b>			
Gender %				Gender %			
Female <b>35.4%</b>				Female <b>37.3%</b>			
Male <b>64.6%</b>				Male <b>62.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>6.1%</b>				<b>6.0%</b>	
AA/Black		<b>7.6%</b>		AA/Black		<b>6.7%</b>	
Hispanic		<b>3.3%</b>		Hispanic		<b>4.0%</b>	
White		<b>87.1%</b>		White		<b>86.3%</b>	
Other		<b>2.0%</b>		Other		<b>3.0%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.6%</b>	<b>0.5%</b>	<b>7.1%</b>	AA/Black	<b>7.6%</b>	<b>14.4%</b>	<b>-6.8%</b>
Hispanic	<b>3.3%</b>	<b>1.7%</b>	<b>1.6%</b>	Hispanic	<b>3.3%</b>	<b>14.5%</b>	<b>-11.2%</b>
White	<b>87.1%</b>	<b>94.6%</b>	<b>-7.5%</b>	White	<b>87.1%</b>	<b>66.4%</b>	<b>20.7%</b>
Other	<b>2.0%</b>	<b>3.1%</b>	<b>-1.1%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

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

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	75	<b>12.9%</b>	<b>12.5%</b>	NW	35	<b>16.1%</b>	<b>10.2%</b>
White	515	<b>87.1%</b>	<b>87.5%</b>	White	226	<b>83.9%</b>	<b>89.8%</b>
Chi-square, X-tab <sup>6</sup> :		.884	not sig.	Chi-square, X-tab <sup>6</sup> :		.163	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.151	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.706	not sig.

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

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>53.8%</b>	<b>19.2%</b>	<b>21.2%</b>	<b>5.8%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>18.2%</b>	<b>31.8%</b>	<b>0.0%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>61.9%</b>	<b>17.3%</b>	<b>16.4%</b>	<b>4.4%</b>			
Other	<b>84.6%</b>	<b>15.4%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.367	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
IPSWICH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>221</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.7%</b>	Citations per 1000	
	Passing through:	<b>62.3%</b>	18 + residents:	<b>19.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 183)				ITP Stops <sup>3</sup> (N = 96)			
Mean age				Mean age			
<b>35.98</b>				<b>38.27</b>			
Gender %				Gender %			
Female <b>37.2%</b>				Female <b>41.7%</b>			
Male <b>62.8%</b>				Male <b>58.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>1.7%</b>				AA/Black <b>1.1%</b>			
Hispanic <b>8.9%</b>				Hispanic <b>9.5%</b>			
White <b>87.8%</b>				White <b>86.3%</b>			
Other <b>1.7%</b>				Other <b>3.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.7%</b>	<b>2.2%</b>	<b>-0.5%</b>	AA/Black	<b>1.7%</b>	<b>14.4%</b>	<b>-12.7%</b>
Hispanic	<b>8.9%</b>	<b>4.2%</b>	<b>4.7%</b>	Hispanic	<b>8.9%</b>	<b>14.5%</b>	<b>-5.6%</b>
White	<b>87.8%</b>	<b>92.0%</b>	<b>-4.2%</b>	White	<b>87.8%</b>	<b>66.4%</b>	<b>21.4%</b>
Other	<b>1.7%</b>	<b>2.0%</b>	<b>-0.3%</b>	Other	<b>1.7%</b>	<b>4.6%</b>	<b>-2.9%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	<b>11.3%</b>	<b>15.0%</b>	NW	13	<b>12.5%</b>	<b>18.5%</b>
White	153	<b>88.7%</b>	<b>85.0%</b>	White	78	<b>87.5%</b>	<b>81.5%</b>
Chi-square, X-tab <sup>6</sup> : .484 not sig.				Chi-square, X-tab <sup>6</sup> : .454 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .659 not sig.				Odds ratio Exp(B) <sup>7</sup> : .098 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>27.8%</b>	<b>27.8%</b>	<b>33.3%</b>	<b>11.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>42.3%</b>	<b>29.4%</b>	<b>17.0%</b>	<b>11.3%</b>			
Other	<b>0.0%</b>	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .362 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT KINGSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>174</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>28.1%</b>	Citations per 1000 18 + residents: <b>38.4</b>			
	Passing through:		<b>71.9%</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 153)</b>			<b>ITP Stops<sup>3</sup> (N = N/A)</b>				
Mean age			Mean age				
<b>32.43</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>38.6%</b>			Female <b>N/A</b>				
Male <b>60.8%</b>			Male <b>N/A</b>				
Non-binary <b>0.7%</b>			Non-binary <b>N/A</b>				
Race %		Mis/Unk <sup>4</sup>	Race %		Mis/Unk <sup>4</sup>		
AA/Black		<b>4.2%</b>	AA/Black		<b>N/A</b>		
Hispanic		<b>2.8%</b>	Hispanic		<b>N/A</b>		
White		<b>92.4%</b>	White		<b>N/A</b>		
Other		<b>0.7%</b>	Other		<b>N/A</b>		
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.2%</b>	<b>0.6%</b>	<b>3.6%</b>	AA/Black	<b>4.2%</b>	<b>14.4%</b>	<b>-10.2%</b>
Hispanic	<b>2.8%</b>	<b>3.8%</b>	<b>-1.0%</b>	Hispanic	<b>2.8%</b>	<b>14.5%</b>	<b>-11.7%</b>
White	<b>92.4%</b>	<b>93.6%</b>	<b>-1.2%</b>	White	<b>92.4%</b>	<b>66.4%</b>	<b>26.0%</b>
Other	<b>0.7%</b>	<b>2.0%</b>	<b>-1.3%</b>	Other	<b>0.7%</b>	<b>4.6%</b>	<b>-3.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.7%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>71.2%</b>	<b>8.5%</b>	<b>15.7%</b>	<b>4.6%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.015* sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LAKEVILLE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>508</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>24.3%</b>	Citations per 1000			
	Passing through:		<b>75.7%</b>	18 + residents: <b>55.6</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 452)</b>				<b>ITP Stops<sup>3</sup> (N = 109)</b>			
Mean age				Mean age			
<b>34.35</b>				<b>34.77</b>			
Gender %				Gender %			
Female		<b>29.6%</b>		Female		<b>35.8%</b>	
Male		<b>70.4%</b>		Male		<b>64.2%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup> <b>4.9%</b>		Race %		Mis/Unk <sup>4</sup> <b>1.8%</b>	
AA/Black		<b>6.7%</b>		AA/Black		<b>6.5%</b>	
Hispanic		<b>4.0%</b>		Hispanic		<b>4.7%</b>	
White		<b>87.9%</b>		White		<b>87.9%</b>	
Other		<b>1.4%</b>		Other		<b>0.9%</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.7%</b>	<b>2.0%</b>	<b>4.7%</b>	AA/Black	<b>6.7%</b>	<b>14.4%</b>	<b>-7.7%</b>
Hispanic	<b>4.0%</b>	<b>2.8%</b>	<b>1.2%</b>	Hispanic	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
White	<b>87.9%</b>	<b>92.4%</b>	<b>-4.5%</b>	White	<b>87.9%</b>	<b>66.4%</b>	<b>21.5%</b>
Other	<b>1.4%</b>	<b>3.0%</b>	<b>-1.6%</b>	Other	<b>1.4%</b>	<b>4.6%</b>	<b>-3.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	49	<b>10.1%</b>	<b>19.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	350	<b>89.9%</b>	<b>80.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .015* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .386* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>25.0%</b>	<b>46.9%</b>	<b>12.5%</b>	<b>15.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>15.8%</b>	<b>15.8%</b>	<b>68.4%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>35.0%</b>	<b>27.7%</b>	<b>32.9%</b>	<b>4.5%</b>			
Other	<b>57.1%</b>	<b>14.3%</b>	<b>28.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LANCASTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>463</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.5%</b>	Citations per 1000	
	Passing through:	<b>93.5%</b>	18 + residents:	<b>70.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 445)				ITP Stops <sup>3</sup> (N = 94)			
Mean age				Mean age			
<b>34.8</b>				<b>33.7</b>			
Gender %				Gender %			
Female <b>43.6%</b>				Female <b>31.2%</b>			
Male <b>56.4%</b>				Male <b>68.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			
AA/Black <b>7.2%</b>				AA/Black <b>3.3%</b>			
Hispanic <b>17.2%</b>				Hispanic <b>23.9%</b>			
White <b>73.0%</b>				White <b>71.7%</b>			
Other <b>2.6%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.2%</b>	<b>7.4%</b>	<b>-0.2%</b>	AA/Black	<b>7.2%</b>	<b>14.4%</b>	<b>-7.2%</b>
Hispanic	<b>17.2%</b>	<b>7.3%</b>	<b>9.9%</b>	Hispanic	<b>17.2%</b>	<b>14.5%</b>	<b>2.7%</b>
White	<b>73.0%</b>	<b>81.4%</b>	<b>-8.4%</b>	White	<b>73.0%</b>	<b>66.4%</b>	<b>6.6%</b>
Other	<b>2.6%</b>	<b>4.8%</b>	<b>-2.2%</b>	Other	<b>2.6%</b>	<b>4.6%</b>	<b>-2.0%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	113	<b>25.8%</b>	<b>33.9%</b>	NW	26	<b>26.7%</b>	<b>28.0%</b>
White	307	<b>74.2%</b>	<b>66.1%</b>	White	62	<b>73.3%</b>	<b>72.0%</b>
Chi-square, X-tab <sup>6</sup> :		.191	not sig.	Chi-square, X-tab <sup>6</sup> :		.900	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.592	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.046	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>17.6%</b>	<b>70.6%</b>	<b>11.8%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>32.4%</b>	<b>55.4%</b>	<b>12.2%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>29.0%</b>	<b>59.1%</b>	<b>11.0%</b>	<b>0.9%</b>			
Other	<b>9.1%</b>	<b>81.8%</b>	<b>9.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.706	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LAWRENCE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>8,310</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>61.9%</b>	Citations per 1000	
	Passing through:	<b>38.1%</b>	18 + residents:	<b>140.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,943)				ITP Stops <sup>3</sup> (N = 1,132)			
Mean age				Mean age			
<b>38.14</b>				<b>35.94</b>			
Gender %				Gender %			
Female <b>35.9%</b>				Female <b>31.5%</b>			
Male <b>64.0%</b>				Male <b>68.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.6%</b>				Race % Mis/Unk <sup>4</sup> <b>5.9%</b>			
AA/Black <b>4.9%</b>				AA/Black <b>3.4%</b>			
Hispanic <b>71.6%</b>				Hispanic <b>72.6%</b>			
White <b>22.3%</b>				White <b>22.3%</b>			
Other <b>1.3%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.9%</b>	<b>5.7%</b>	<b>-0.8%</b>	AA/Black	<b>4.9%</b>	<b>14.4%</b>	<b>-9.5%</b>
Hispanic	<b>71.6%</b>	<b>80.6%</b>	<b>-9.0%</b>	Hispanic	<b>71.6%</b>	<b>14.5%</b>	<b>57.1%</b>
White	<b>22.3%</b>	<b>14.8%</b>	<b>7.5%</b>	White	<b>22.3%</b>	<b>66.4%</b>	<b>-44.1%</b>
Other	<b>1.3%</b>	<b>5.1%</b>	<b>-3.8%</b>	Other	<b>1.3%</b>	<b>4.6%</b>	<b>-3.3%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	5,620	<b>77.4%</b>	<b>80.6%</b>	NW	730	<b>76.7%</b>	<b>78.6%</b>
White	1,602	<b>22.6%</b>	<b>19.4%</b>	White	215	<b>23.3%</b>	<b>21.4%</b>
Chi-square, X-tab <sup>6</sup> :		0.32*	sig.	Chi-square, X-tab <sup>6</sup> :		.517	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.848	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.192	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.8%</b>	<b>13.3%</b>	<b>10.4%</b>	<b>0.5%</b>	NW	<b>29</b>	<b>N/A</b>
Hispanic	<b>77.8%</b>	<b>15.6%</b>	<b>5.6%</b>	<b>1.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>79.6%</b>	<b>12.3%</b>	<b>7.1%</b>	<b>1.0%</b>			
Other	<b>85.3%</b>	<b>7.8%</b>	<b>5.9%</b>	<b>1.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LEE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>127</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>21.8%</b>			Citations per 1000			
	Passing through: <b>78.2%</b>			18 + residents: <b>26.7</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 87)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>42.73</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>36.8%</b>				Female <b>N/A</b>			
Male <b>63.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>6.9%</b>				AA/Black <b>N/A</b>			
Hispanic <b>1.1%</b>				Hispanic <b>N/A</b>			
White <b>92.0%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>0.3%</b>	<b>6.6%</b>	AA/Black	<b>6.9%</b>	<b>14.4%</b>	<b>-7.5%</b>
Hispanic	<b>1.1%</b>	<b>2.5%</b>	<b>-1.4%</b>	Hispanic	<b>1.1%</b>	<b>14.5%</b>	<b>-13.4%</b>
White	<b>92.0%</b>	<b>90.9%</b>	<b>1.1%</b>	White	<b>92.0%</b>	<b>66.4%</b>	<b>25.6%</b>
Other	<b>0.0%</b>	<b>3.6%</b>	<b>-3.6%</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.5%</b>	<b>12.5%</b>	<b>50.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>33.3%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>53.0%</b>	<b>12.2%</b>	<b>27.8%</b>	<b>7.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .302 not sig.							
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LEICESTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>975</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.3%</b>	Citations per 1000	
	Passing through:	<b>87.7%</b>	18 + residents:	<b>105.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 949)				ITP Stops <sup>3</sup> (N = 297)			
Mean age				Mean age			
<b>36.23</b>				<b>35.37</b>			
Gender %				Gender %			
Female <b>37.6%</b>				Female <b>32.3%</b>			
Male <b>62.4%</b>				Male <b>67.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.3%</b>			
AA/Black <b>10.8%</b>				AA/Black <b>11.8%</b>			
Hispanic <b>19.7%</b>				Hispanic <b>23.3%</b>			
White <b>66.6%</b>				White <b>63.5%</b>			
Other <b>2.9%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.8%</b>	<b>3.2%</b>	<b>7.6%</b>	AA/Black	<b>10.8%</b>	<b>14.4%</b>	<b>-3.6%</b>
Hispanic	<b>19.7%</b>	<b>3.8%</b>	<b>15.9%</b>	Hispanic	<b>19.7%</b>	<b>14.5%</b>	<b>5.2%</b>
White	<b>66.6%</b>	<b>91.0%</b>	<b>-24.4%</b>	White	<b>66.6%</b>	<b>66.4%</b>	<b>0.2%</b>
Other	<b>2.9%</b>	<b>2.5%</b>	<b>0.4%</b>	Other	<b>2.9%</b>	<b>4.6%</b>	<b>-1.7%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	298	<b>27.7%</b>	<b>43.5%</b>	NW	94	<b>33.3%</b>	<b>40.2%</b>
White	600	<b>72.3%</b>	<b>56.5%</b>	White	171	<b>66.7%</b>	<b>59.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .277 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .540* sig.				Odds ratio Exp(B) <sup>7</sup> : .714 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.3%</b>	<b>8.5%</b>	<b>28.3%</b>	<b>0.9%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>50.3%</b>	<b>18.2%</b>	<b>25.7%</b>	<b>5.9%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>62.6%</b>	<b>18.4%</b>	<b>14.7%</b>	<b>4.3%</b>			
Other	<b>66.7%</b>	<b>18.5%</b>	<b>14.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LENOX POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>487</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>7.4%</b>	Citations per 1000		
	Passing through:		<b>92.6%</b>	18 + residents:		<b>N/A</b>
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 476)</b>				<b>ITP Stops<sup>3</sup> (N = 175)</b>		
Mean age				Mean age		
<b>39.47</b>				<b>38.4</b>		
Gender %				Gender %		
Female		<b>41.9%</b>		Female		<b>43.4%</b>
Male		<b>57.7%</b>		Male		<b>56.0%</b>
Non-binary		<b>0.4%</b>		Non-binary		<b>0.6%</b>
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>
		<b>2.7%</b>				<b>2.3%</b>
AA/Black		<b>8.0%</b>		AA/Black		<b>6.4%</b>
Hispanic		<b>3.5%</b>		Hispanic		<b>2.3%</b>
White		<b>87.3%</b>		White		<b>90.6%</b>
Other		<b>1.3%</b>		Other		<b>0.6%</b>
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	<b>8.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.0%</b>	<b>14.4%</b>
Hispanic	<b>3.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.5%</b>	<b>14.5%</b>
White	<b>87.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>87.3%</b>	<b>66.4%</b>
Other	<b>1.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.3%</b>	<b>4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	55	<b>10.8%</b>	<b>22.0%</b>	NW	N/A	<b>N/A</b>
White	359	<b>89.2%</b>	<b>78.0%</b>	White	N/A	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.006*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		.478*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>67.6%</b>	<b>13.5%</b>	<b>18.9%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>62.5%</b>	<b>6.3%</b>	<b>31.3%</b>	<b>0.0%</b>	White	<b>1</b>
White	<b>79.3%</b>	<b>12.5%</b>	<b>7.5%</b>	<b>0.7%</b>		
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.041*	sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LEOMINSTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,340</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>45.1%</b>	Citations per 1000	
	Passing through:	<b>54.9%</b>	18 + residents:	<b>71.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,211)				ITP Stops <sup>3</sup> (N = 245)			
Mean age				Mean age			
<b>42.17</b>				<b>38.06</b>			
Gender %				Gender %			
Female <b>49.3%</b>				Female <b>40.5%</b>			
Male <b>50.7%</b>				Male <b>59.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>8.2%</b>				AA/Black <b>7.5%</b>			
Hispanic <b>19.4%</b>				Hispanic <b>25.7%</b>			
White <b>69.7%</b>				White <b>63.5%</b>			
Other <b>2.7%</b>				Other <b>3.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.2%</b>	<b>6.7%</b>	<b>1.5%</b>	AA/Black	<b>8.2%</b>	<b>14.4%</b>	<b>-6.2%</b>
Hispanic	<b>19.4%</b>	<b>18.4%</b>	<b>1.0%</b>	Hispanic	<b>19.4%</b>	<b>14.5%</b>	<b>4.9%</b>
White	<b>69.7%</b>	<b>69.3%</b>	<b>0.4%</b>	White	<b>69.7%</b>	<b>66.4%</b>	<b>3.3%</b>
Other	<b>2.7%</b>	<b>6.8%</b>	<b>-4.1%</b>	Other	<b>2.7%</b>	<b>4.6%</b>	<b>-1.9%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	647	<b>28.6%</b>	<b>44.8%</b>	NW	78	<b>29.6%</b>	<b>41.1%</b>
White	1,505	<b>71.4%</b>	<b>55.2%</b>	White	144	<b>70.4%</b>	<b>58.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .072 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .507* sig.				Odds ratio Exp(B) <sup>7</sup> : .463 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.6%</b>	<b>5.8%</b>	<b>11.0%</b>	<b>2.6%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>76.0%</b>	<b>7.2%</b>	<b>15.3%</b>	<b>1.5%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>86.4%</b>	<b>5.1%</b>	<b>6.7%</b>	<b>1.8%</b>			
Other	<b>81.7%</b>	<b>5.0%</b>	<b>13.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LEVERETT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>279</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>14.9%</b>	Citations per 1000	
	Passing through:	<b>85.1%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 275)				ITP Stops <sup>3</sup> (N = 136)			
Mean age				Mean age			
<b>41.53</b>				<b>39.02</b>			
Gender %				Gender %			
Female		<b>45.0%</b>		Female		<b>43.3%</b>	
Male		<b>55.0%</b>		Male		<b>56.7%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>1.8%</b>				<b>2.9%</b>	
AA/Black		<b>7.0%</b>		AA/Black		<b>6.8%</b>	
Hispanic		<b>1.5%</b>		Hispanic		<b>2.3%</b>	
White		<b>90.4%</b>		White		<b>89.4%</b>	
Other		<b>1.1%</b>		Other		<b>1.5%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.0%</b>	<b>14.4%</b>	<b>-7.4%</b>
Hispanic	<b>1.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>1.5%</b>	<b>14.5%</b>	<b>-13.0%</b>
White	<b>90.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>90.4%</b>	<b>66.4%</b>	<b>24.0%</b>
Other	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	<b>8.6%</b>	<b>13.4%</b>	NW	14	<b>12.1%</b>	<b>11.3%</b>
White	227	<b>91.4%</b>	<b>86.6%</b>	White	105	<b>87.9%</b>	<b>88.7%</b>
Chi-square, X-tab <sup>6</sup> :		.262	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.893	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.861	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.804	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>10.0%</b>	<b>30.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>85.8%</b>	<b>6.1%</b>	<b>6.9%</b>	<b>1.2%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.002*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LEXINGTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,291</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.4%</b>	Citations per 1000	
	Passing through:	<b>71.6%</b>	18 + residents:	<b>53.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,114)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 0.7%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .006* sig.				Chi-square, X-tab <sup>6</sup> : .440 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .625* sig.				Odds ratio Exp(B) <sup>7</sup> : .603 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LEYDEN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>137</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>40.3%</b>	Citations per 1000			
	Passing through:		<b>59.7%</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup></b>			<b>(N = 134)</b>				
Mean age			Mean age				
<b>39.4</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>28.4%</b>			Female <b>N/A</b>				
Male <b>71.6%</b>			Male <b>N/A</b>				
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>6.7%</b>			Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>2.4%</b>			AA/Black <b>N/A</b>				
Hispanic <b>0.0%</b>			Hispanic <b>N/A</b>				
White <b>97.6%</b>			White <b>N/A</b>				
Other <b>0.0%</b>			Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.4%</b>	<b>14.4%</b>	<b>-12.0%</b>
Hispanic	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.0%</b>	<b>14.5%</b>	<b>-14.5%</b>
White	<b>97.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>97.6%</b>	<b>66.4%</b>	<b>31.2%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>33.3%</b>	<b>0.0%</b>	<b>66.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>10.4%</b>	<b>80.0%</b>	<b>9.6%</b>	<b>0.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.002* sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LINCOLN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>779</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.5%</b>	Citations per 1000	
	Passing through:	<b>92.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 745)				ITP Stops <sup>3</sup> (N = 288)			
Mean age				Mean age			
<b>39.43</b>				<b>43.22</b>			
Gender %				Gender %			
Female <b>31.6%</b>				Female <b>31.6%</b>			
Male <b>68.4%</b>				Male <b>68.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.3%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>13.7%</b>				AA/Black <b>7.6%</b>			
Hispanic <b>13.5%</b>				Hispanic <b>9.4%</b>			
White <b>63.9%</b>				White <b>71.5%</b>			
Other <b>8.9%</b>				Other <b>11.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>13.7%</b>	<b>14.4%</b>	<b>-0.7%</b>
Hispanic	<b>13.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>13.5%</b>	<b>14.5%</b>	<b>-1.0%</b>
White	<b>63.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.9%</b>	<b>66.4%</b>	<b>-2.5%</b>
Other	<b>8.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>8.9%</b>	<b>4.6%</b>	<b>4.3%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	261	<b>25.6%</b>	<b>45.3%</b>	NW	75	<b>27.3%</b>	<b>31.6%</b>
White	453	<b>74.4%</b>	<b>54.7%</b>	White	185	<b>72.7%</b>	<b>68.4%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.461	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.419*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.795	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.9%</b>	<b>17.3%</b>	<b>3.8%</b>	<b>1.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>52.5%</b>	<b>21.8%</b>	<b>21.8%</b>	<b>4.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>76.9%</b>	<b>17.5%</b>	<b>3.6%</b>	<b>2.0%</b>			
Other	<b>81.8%</b>	<b>16.7%</b>	<b>1.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LITTLETON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>684</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.3%</b>	Citations per 1000	
	Passing through:	<b>87.7%</b>	18 + residents:	<b>87.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 649)				ITP Stops <sup>3</sup> (N = 253)			
Mean age				Mean age			
<b>36.86</b>				<b>37.81</b>			
Gender %				Gender %			
Female <b>28.0%</b>				Female <b>31.3%</b>			
Male <b>72.0%</b>				Male <b>68.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>9.2%</b>				AA/Black <b>8.1%</b>			
Hispanic <b>10.0%</b>				Hispanic <b>6.9%</b>			
White <b>71.5%</b>				White <b>71.5%</b>			
Other <b>9.2%</b>				Other <b>13.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.2%</b>	<b>0.6%</b>	<b>8.6%</b>	AA/Black	<b>9.2%</b>	<b>14.4%</b>	<b>-5.2%</b>
Hispanic	<b>10.0%</b>	<b>1.3%</b>	<b>8.7%</b>	Hispanic	<b>10.0%</b>	<b>14.5%</b>	<b>-4.5%</b>
White	<b>71.5%</b>	<b>89.0%</b>	<b>-17.5%</b>	White	<b>71.5%</b>	<b>66.4%</b>	<b>5.1%</b>
Other	<b>9.2%</b>	<b>8.8%</b>	<b>0.4%</b>	Other	<b>9.2%</b>	<b>4.6%</b>	<b>4.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	171	<b>26.8%</b>	<b>31.4%</b>	NW	63	<b>27.1%</b>	<b>31.1%</b>
White	418	<b>73.2%</b>	<b>68.6%</b>	White	156	<b>72.9%</b>	<b>68.9%</b>
Chi-square, X-tab <sup>6</sup> : .217 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .522 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .817 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .907 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.3%</b>	<b>8.3%</b>	<b>18.3%</b>	<b>10.0%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>62.5%</b>	<b>6.3%</b>	<b>26.6%</b>	<b>4.7%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>71.3%</b>	<b>11.9%</b>	<b>12.1%</b>	<b>4.8%</b>			
Other	<b>67.8%</b>	<b>18.6%</b>	<b>8.5%</b>	<b>5.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .023* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LONGMEADOW POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>464</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.5%</b>	Citations per 1000	
	Passing through:	<b>70.5%</b>	18 + residents:	<b>38.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 396)				ITP Stops <sup>3</sup> (N = 119)			
Mean age				Mean age			
<b>36.83</b>				<b>37.65</b>			
Gender %				Gender %			
Female <b>39.0%</b>				Female <b>38.1%</b>			
Male <b>61.0%</b>				Male <b>61.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>11.5%</b>				AA/Black <b>7.6%</b>			
Hispanic <b>4.1%</b>				Hispanic <b>5.1%</b>			
White <b>81.3%</b>				White <b>83.1%</b>			
Other <b>3.1%</b>				Other <b>4.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.5%</b>	<b>0.9%</b>	<b>10.6%</b>	AA/Black	<b>11.5%</b>	<b>14.4%</b>	<b>-2.9%</b>
Hispanic	<b>4.1%</b>	<b>6.8%</b>	<b>-2.7%</b>	Hispanic	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>
White	<b>81.3%</b>	<b>84.4%</b>	<b>-3.1%</b>	White	<b>81.3%</b>	<b>66.4%</b>	<b>14.9%</b>
Other	<b>3.1%</b>	<b>8.5%</b>	<b>-5.4%</b>	Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	58	<b>14.3%</b>	<b>21.7%</b>	NW	18	<b>12.1%</b>	<b>23.4%</b>
White	274	<b>85.7%</b>	<b>78.3%</b>	White	87	<b>87.9%</b>	<b>76.6%</b>
Chi-square, X-tab <sup>6</sup> :		.079	not sig.	Chi-square, X-tab <sup>6</sup> :		.125	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.648	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.801	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.3%</b>	<b>10.2%</b>	<b>24.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>84.6%</b>	<b>7.4%</b>	<b>8.0%</b>	<b>0.0%</b>			
Other	<b>66.7%</b>	<b>26.7%</b>	<b>6.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LOWELL POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>10,582</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>48.0%</b>	Citations per 1000	
	Passing through:	<b>52.0%</b>	18 + residents:	<b>121</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

<b>All Stops<sup>2</sup> (N = 10,303)</b>				<b>ITP Stops<sup>3</sup> (N = 3,470)</b>			
Mean age				Mean age			
<b>36.37</b>				<b>34.28</b>			
Gender %				Gender %			
Female <b>38.8%</b>				Female <b>33.0%</b>			
Male <b>61.2%</b>				Male <b>67.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>3.7%</b>				<b>3.5%</b>	
AA/Black		<b>12.3%</b>		AA/Black		<b>12.0%</b>	
Hispanic		<b>26.4%</b>		Hispanic		<b>29.2%</b>	
White		<b>49.2%</b>		White		<b>46.3%</b>	
Other		<b>12.2%</b>		Other		<b>12.6%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.3%</b>	<b>8.0%</b>	<b>4.3%</b>	AA/Black	<b>12.3%</b>	<b>14.4%</b>	<b>-2.1%</b>
Hispanic	<b>26.4%</b>	<b>18.1%</b>	<b>8.3%</b>	Hispanic	<b>26.4%</b>	<b>14.5%</b>	<b>11.9%</b>
White	<b>49.2%</b>	<b>48.7%</b>	<b>0.5%</b>	White	<b>49.2%</b>	<b>66.4%</b>	<b>-17.2%</b>
Other	<b>12.2%</b>	<b>26.4%</b>	<b>-14.2%</b>	Other	<b>12.2%</b>	<b>4.6%</b>	<b>7.6%</b>

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

**VoD Analyses**

<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,799	<b>48.7%</b>	<b>59.7%</b>	NW	1,612	<b>51.1%</b>	<b>57.2%</b>
White	4,654	<b>51.3%</b>	<b>40.3%</b>	White	1,425	<b>48.9%</b>	<b>42.8%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.002*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.652*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.857	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>22.2%</b>	<b>71.7%</b>	<b>5.2%</b>	<b>0.9%</b>	NW	<b>11</b>	<b>N/A</b>
Hispanic	<b>18.6%</b>	<b>70.4%</b>	<b>9.3%</b>	<b>1.8%</b>	White	<b>14</b>	<b>N/A</b>
White	<b>18.2%</b>	<b>76.0%</b>	<b>5.1%</b>	<b>0.7%</b>			
Other	<b>22.4%</b>	<b>72.4%</b>	<b>4.4%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LUDLOW POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>993</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.6%</b>	Citations per 1000	
	Passing through:	<b>61.4%</b>	18 + residents:	<b>57.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 846)				ITP Stops <sup>3</sup> (N = 442)			
Mean age				Mean age			
<b>36.33</b>				<b>37.85</b>			
Gender %				Gender %			
Female <b>36.2%</b>				Female <b>36.7%</b>			
Male <b>63.8%</b>				Male <b>63.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>8.8%</b>				AA/Black <b>5.9%</b>			
Hispanic <b>5.9%</b>				Hispanic <b>4.5%</b>			
White <b>84.2%</b>				White <b>88.7%</b>			
Other <b>1.1%</b>				Other <b>0.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.8%</b>	<b>1.4%</b>	<b>7.4%</b>	AA/Black	<b>8.8%</b>	<b>14.4%</b>	<b>-5.6%</b>
Hispanic	<b>5.9%</b>	<b>8.6%</b>	<b>-2.7%</b>	Hispanic	<b>5.9%</b>	<b>14.5%</b>	<b>-8.6%</b>
White	<b>84.2%</b>	<b>87.3%</b>	<b>-3.1%</b>	White	<b>84.2%</b>	<b>66.4%</b>	<b>17.8%</b>
Other	<b>1.1%</b>	<b>3.8%</b>	<b>-2.7%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	106	<b>12.1%</b>	<b>18.4%</b>	NW	43	<b>9.4%</b>	<b>13.7%</b>
White	595	<b>87.9%</b>	<b>81.6%</b>	White	348	<b>90.6%</b>	<b>86.3%</b>
Chi-square, X-tab <sup>6</sup> :		.020*	sig.	Chi-square, X-tab <sup>6</sup> :		.188	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.592*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.769	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.6%</b>	<b>7.1%</b>	<b>29.4%</b>	<b>5.9%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>35.6%</b>	<b>22.0%</b>	<b>28.8%</b>	<b>13.6%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>63.7%</b>	<b>14.8%</b>	<b>15.8%</b>	<b>5.7%</b>			
Other	<b>70.0%</b>	<b>20.0%</b>	<b>10.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LUNENBERG POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,850</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.8%</b>	Citations per 1000	
	Passing through:	<b>77.2%</b>	18 + residents:	<b>204.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,786)				ITP Stops <sup>3</sup> (N = 559)			
Mean age				Mean age			
<b>37.37</b>				<b>37.5</b>			
Gender %				Gender %			
Female		<b>41.5%</b>		Female		<b>39.3%</b>	
Male		<b>58.5%</b>		Male		<b>60.5%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.2%</b>	
Race %		Mis/Unk <sup>4</sup> <b>2.1%</b>		Race %		Mis/Unk <sup>4</sup> <b>2.1%</b>	
AA/Black		<b>6.8%</b>		AA/Black		<b>6.9%</b>	
Hispanic		<b>14.6%</b>		Hispanic		<b>14.6%</b>	
White		<b>76.8%</b>		White		<b>76.6%</b>	
Other		<b>1.8%</b>		Other		<b>1.8%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>1.7%</b>	<b>5.1%</b>	AA/Black	<b>6.8%</b>	<b>14.4%</b>	<b>-7.6%</b>
Hispanic	<b>14.6%</b>	<b>5.9%</b>	<b>8.7%</b>	Hispanic	<b>14.6%</b>	<b>14.5%</b>	<b>0.1%</b>
White	<b>76.8%</b>	<b>88.4%</b>	<b>-11.6%</b>	White	<b>76.8%</b>	<b>66.4%</b>	<b>10.4%</b>
Other	<b>1.8%</b>	<b>4.0%</b>	<b>-2.2%</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	378	<b>19.2%</b>	<b>32.3%</b>	NW	106	<b>18.2%</b>	<b>31.0%</b>
White	1,255	<b>80.8%</b>	<b>67.7%</b>	White	353	<b>81.8%</b>	<b>69.0%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.002*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.511*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.496*	sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.2%</b>	<b>5.7%</b>	<b>17.9%</b>	<b>3.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>69.9%</b>	<b>8.3%</b>	<b>18.0%</b>	<b>3.8%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>83.5%</b>	<b>6.5%</b>	<b>8.2%</b>	<b>1.8%</b>			
Other	<b>84.8%</b>	<b>6.1%</b>	<b>9.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LYNN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,822</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>60.7%</b>	Citations per 1000	
	Passing through:	<b>39.3%</b>	18 + residents:	<b>53.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,256)				ITP Stops <sup>3</sup> (N = 868)			
Mean age				Mean age			
<b>36.92</b>				<b>35.44</b>			
Gender %				Gender %			
Female		<b>34.2%</b>		Female		<b>31.8%</b>	
Male		<b>65.6%</b>		Male		<b>68.2%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.0%</b>	
Race % Mis/Unk <sup>4</sup> <b>7.8%</b>				Race % Mis/Unk <sup>4</sup> <b>5.6%</b>			
AA/Black		<b>13.4%</b>		AA/Black		<b>12.7%</b>	
Hispanic		<b>42.1%</b>		Hispanic		<b>44.4%</b>	
White		<b>40.9%</b>		White		<b>39.3%</b>	
Other		<b>3.6%</b>		Other		<b>3.5%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.4%</b>	<b>13.7%</b>	<b>-0.3%</b>	AA/Black	<b>13.4%</b>	<b>14.4%</b>	<b>-1.0%</b>
Hispanic	<b>42.1%</b>	<b>42.8%</b>	<b>-0.7%</b>	Hispanic	<b>42.1%</b>	<b>14.5%</b>	<b>27.6%</b>
White	<b>40.9%</b>	<b>35.9%</b>	<b>5.0%</b>	White	<b>40.9%</b>	<b>66.4%</b>	<b>-25.5%</b>
Other	<b>3.6%</b>	<b>14.4%</b>	<b>-10.8%</b>	Other	<b>3.6%</b>	<b>4.6%</b>	<b>-1.0%</b>

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,601	<b>58.1%</b>	<b>62.8%</b>	NW	447	<b>57.5%</b>	<b>62.5%</b>
White	1,096	<b>41.9%</b>	<b>37.2%</b>	White	298	<b>42.5%</b>	<b>37.5%</b>
Chi-square, X-tab <sup>6</sup> :		.025*	sig.	Chi-square, X-tab <sup>6</sup> :		.160	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.863	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.630	not sig.

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.5%</b>	<b>22.1%</b>	<b>21.6%</b>	<b>3.8%</b>	NW	<b>31</b>	<b>N/A</b>
Hispanic	<b>35.6%</b>	<b>26.1%</b>	<b>33.6%</b>	<b>4.7%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>54.5%</b>	<b>24.8%</b>	<b>18.3%</b>	<b>2.4%</b>			
Other	<b>51.3%</b>	<b>34.2%</b>	<b>12.0%</b>	<b>2.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LYNNFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>145</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>24.0%</b>	Citations per 1000			
	Passing through:		<b>76.0%</b>	18 + residents:		<b>14.8</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup></b>			<b>(N = 130)</b>				
Mean age			Mean age				
<b>34.77</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>41.3%</b>			Female <b>N/A</b>				
Male <b>58.7%</b>			Male <b>N/A</b>				
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>8.5%</b>			Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>6.7%</b>			AA/Black <b>N/A</b>				
Hispanic <b>16.0%</b>			Hispanic <b>N/A</b>				
White <b>75.6%</b>			White <b>N/A</b>				
Other <b>1.7%</b>			Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.7%</b>	<b>1.2%</b>	<b>N/A</b>	AA/Black	<b>6.7%</b>	<b>14.4%</b>	<b>-7.7%</b>
Hispanic	<b>16.0%</b>	<b>2.4%</b>	<b>N/A</b>	Hispanic	<b>16.0%</b>	<b>14.5%</b>	<b>1.5%</b>
White	<b>75.6%</b>	<b>90.7%</b>	<b>N/A</b>	White	<b>75.6%</b>	<b>66.4%</b>	<b>9.2%</b>
Other	<b>1.7%</b>	<b>6.3%</b>	<b>N/A</b>	Other	<b>1.7%</b>	<b>4.6%</b>	<b>-2.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	<b>23.9%</b>	<b>29.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	76	<b>76.1%</b>	<b>71.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.588	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.899	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>44.4%</b>	<b>22.2%</b>	<b>22.2%</b>	<b>11.1%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>38.1%</b>	<b>38.1%</b>	<b>23.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>48.5%</b>	<b>35.4%</b>	<b>11.1%</b>	<b>5.1%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.764	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MALDEN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>460</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.6%</b>	Citations per 1000	
	Passing through:	<b>64.4%</b>	18 + residents:	<b>9.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 351)				ITP Stops <sup>3</sup> (N = 79)			
Mean age				Mean age			
<b>36.96</b>				<b>37.4</b>			
Gender %				Gender %			
Female <b>28.6%</b>				Female <b>25.6%</b>			
Male <b>71.4%</b>				Male <b>74.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.5%</b>				Race % Mis/Unk <sup>4</sup> <b>5.1%</b>			
AA/Black <b>24.6%</b>				AA/Black <b>24.0%</b>			
Hispanic <b>6.9%</b>				Hispanic <b>4.0%</b>			
White <b>59.2%</b>				White <b>66.7%</b>			
Other <b>9.3%</b>				Other <b>5.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>24.6%</b>	<b>18.5%</b>	<b>6.1%</b>	AA/Black	<b>24.6%</b>	<b>14.4%</b>	<b>10.2%</b>
Hispanic	<b>6.9%</b>	<b>8.5%</b>	<b>-1.6%</b>	Hispanic	<b>6.9%</b>	<b>14.5%</b>	<b>-7.6%</b>
White	<b>59.2%</b>	<b>47.0%</b>	<b>12.2%</b>	White	<b>59.2%</b>	<b>66.4%</b>	<b>-7.2%</b>
Other	<b>9.3%</b>	<b>25.7%</b>	<b>-16.4%</b>	Other	<b>9.3%</b>	<b>4.6%</b>	<b>4.7%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	120	<b>41.4%</b>	<b>38.0%</b>	NW	25	<b>30.2%</b>	<b>40.0%</b>
White	174	<b>58.6%</b>	<b>62.0%</b>	White	48	<b>69.8%</b>	<b>60.0%</b>
Chi-square, X-tab <sup>6</sup> :		.656	not sig.	Chi-square, X-tab <sup>6</sup> :		.387	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.283	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.773	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>44.2%</b>	<b>29.5%</b>	<b>24.2%</b>	<b>2.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>46.4%</b>	<b>17.9%</b>	<b>35.7%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>45.9%</b>	<b>24.2%</b>	<b>27.9%</b>	<b>2.0%</b>			
Other	<b>61.3%</b>	<b>29.0%</b>	<b>9.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.441	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MANCHESTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>450</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.8%</b>	Citations per 1000	
	Passing through:	<b>76.2%</b>	18 + residents:	<b>107</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 446)				ITP Stops <sup>3</sup> (N = 150)			
Mean age				Mean age			
<b>40.86</b>				<b>39.62</b>			
Gender %				Gender %			
Female <b>39.9%</b>				Female <b>36.9%</b>			
Male <b>60.1%</b>				Male <b>63.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.7%</b>				Race % Mis/Unk <sup>4</sup> <b>6.0%</b>			
AA/Black <b>1.9%</b>				AA/Black <b>2.8%</b>			
Hispanic <b>6.6%</b>				Hispanic <b>9.9%</b>			
White <b>88.5%</b>				White <b>85.1%</b>			
Other <b>3.1%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.9%</b>	<b>0.0%</b>	<b>1.9%</b>	AA/Black	<b>1.9%</b>	<b>14.4%</b>	<b>-12.5%</b>
Hispanic	<b>6.6%</b>	<b>1.5%</b>	<b>5.1%</b>	Hispanic	<b>6.6%</b>	<b>14.5%</b>	<b>-7.9%</b>
White	<b>88.5%</b>	<b>97.1%</b>	<b>-8.6%</b>	White	<b>88.5%</b>	<b>66.4%</b>	<b>22.1%</b>
Other	<b>3.1%</b>	<b>1.3%</b>	<b>1.8%</b>	Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	<b>10.6%</b>	<b>13.4%</b>	NW	20	<b>16.4%</b>	<b>14.5%</b>
White	365	<b>89.4%</b>	<b>86.6%</b>	White	110	<b>83.6%</b>	<b>85.5%</b>
Chi-square, X-tab <sup>6</sup> :		.391	not sig.	Chi-square, X-tab <sup>6</sup> :		.764	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.730	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.053	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>12.5%</b>	<b>37.5%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>14.3%</b>	<b>32.1%</b>	<b>3.6%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>85.3%</b>	<b>5.5%</b>	<b>4.5%</b>	<b>4.7%</b>			
Other	<b>84.6%</b>	<b>15.4%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MANSFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,715</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.4%</b>	Citations per 1000	
	Passing through:	<b>67.6%</b>	18 + residents:	<b>143.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,624)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .825 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .534* sig.				Odds ratio Exp(B) <sup>7</sup> : .634 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MARBLEHEAD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>134</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>56.4%</b>	Citations per 1000			
	Passing through:		<b>43.6%</b>	18 + residents:			<b>8.5</b>
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 94)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>34.23</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>23.7%</b>		Female		<b>N/A</b>	
Male		<b>76.3%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>3.2%</b>				<b>N/A</b>	
AA/Black		<b>2.2%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>6.6%</b>		Hispanic		<b>N/A</b>	
White		<b>91.2%</b>		White		<b>N/A</b>	
Other		<b>0.0%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>2.2%</b>	<b>1.6%</b>	<b>0.6%</b>	AA/Black	<b>2.2%</b>	<b>14.4%</b>	<b>-12.2%</b>
Hispanic	<b>6.6%</b>	<b>5.0%</b>	<b>1.6%</b>	Hispanic	<b>6.6%</b>	<b>14.5%</b>	<b>-7.9%</b>
White	<b>91.2%</b>	<b>91.1%</b>	<b>0.1%</b>	White	<b>91.2%</b>	<b>66.4%</b>	<b>24.8%</b>
Other	<b>0.0%</b>	<b>2.3%</b>	<b>-2.3%</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>0.0%</b>	<b>25.0%</b>	<b>75.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>42.9%</b>	<b>28.6%</b>	<b>28.6%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>20.0%</b>	<b>31.3%</b>	<b>42.6%</b>	<b>6.1%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.185	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MARION POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>277</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>14.4%</b>	Citations per 1000			
	Passing through:		<b>85.6%</b>	18 + residents:		<b>68.6</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 264)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>35.32</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>40.0%</b>		Female		<b>N/A</b>	
Male		<b>60.0%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>6.8%</b>				<b>N/A</b>	
AA/Black		<b>14.6%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>1.6%</b>		Hispanic		<b>N/A</b>	
White		<b>83.7%</b>		White		<b>N/A</b>	
Other		<b>0.0%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>14.6%</b>	<b>1.4%</b>	<b>N/A</b>	AA/Black	<b>14.6%</b>	<b>14.4%</b>	<b>0.2%</b>
Hispanic	<b>1.6%</b>	<b>4.4%</b>	<b>N/A</b>	Hispanic	<b>1.6%</b>	<b>14.5%</b>	<b>-12.9%</b>
White	<b>83.7%</b>	<b>84.7%</b>	<b>N/A</b>	White	<b>83.7%</b>	<b>66.4%</b>	<b>17.3%</b>
Other	<b>0.0%</b>	<b>5.3%</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>14.6%</b>	<b>18.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	186	<b>85.4%</b>	<b>81.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.449	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.777	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.0%</b>	<b>10.0%</b>	<b>47.5%</b>	<b>2.5%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>50.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>67.8%</b>	<b>8.4%</b>	<b>21.5%</b>	<b>2.3%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000* sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MARLBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,055</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>46.8%</b>	Citations per 1000	
	Passing through:	<b>53.2%</b>	18 + residents:	<b>65.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,704)				ITP Stops <sup>3</sup> (N = 610)			
Mean age				Mean age			
<b>37.09</b>				<b>37.52</b>			
Gender %				Gender %			
Female <b>34.2%</b>				Female <b>30.1%</b>			
Male <b>65.7%</b>				Male <b>69.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>7.4%</b>				AA/Black <b>6.2%</b>			
Hispanic <b>14.9%</b>				Hispanic <b>16.5%</b>			
White <b>74.6%</b>				White <b>73.2%</b>			
Other <b>3.1%</b>				Other <b>4.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.4%</b>	<b>3.8%</b>	<b>3.6%</b>	AA/Black	<b>7.4%</b>	<b>14.4%</b>	<b>-7.0%</b>
Hispanic	<b>14.9%</b>	<b>15.1%</b>	<b>-0.2%</b>	Hispanic	<b>14.9%</b>	<b>14.5%</b>	<b>0.4%</b>
White	<b>74.6%</b>	<b>69.2%</b>	<b>5.4%</b>	White	<b>74.6%</b>	<b>66.4%</b>	<b>8.2%</b>
Other	<b>3.1%</b>	<b>9.8%</b>	<b>-6.7%</b>	Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	397	<b>26.0%</b>	<b>26.0%</b>	NW	144	<b>29.4%</b>	<b>24.7%</b>
White	1,131	<b>74.0%</b>	<b>74.0%</b>	White	381	<b>70.6%</b>	<b>75.3%</b>
Chi-square, X-tab <sup>6</sup> : .989 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .229 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : 1.004 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.029 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>49.6%</b>	<b>19.1%</b>	<b>26.2%</b>	<b>5.0%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>39.1%</b>	<b>18.3%</b>	<b>33.7%</b>	<b>9.0%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>53.3%</b>	<b>22.4%</b>	<b>21.2%</b>	<b>3.0%</b>			
Other	<b>69.0%</b>	<b>24.1%</b>	<b>5.2%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MARSHFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>279</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>47.6%</b>	Citations per 1000 18 + residents: <b>10.7</b>			
	Passing through:		<b>52.4%</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 246)</b>			<b>ITP Stops<sup>3</sup> (N = N/A)</b>				
Mean age			Mean age				
<b>36.71</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>28.6%</b>			Female <b>N/A</b>				
Male <b>71.4%</b>			Male <b>N/A</b>				
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>				
Race %		Mis/Unk <sup>4</sup>	<b>3.3%</b>	Race %		Mis/Unk <sup>4</sup>	<b>N/A</b>
AA/Black			<b>5.0%</b>	AA/Black			<b>N/A</b>
Hispanic			<b>1.3%</b>	Hispanic			<b>N/A</b>
White			<b>93.7%</b>	White			<b>N/A</b>
Other			<b>0.0%</b>	Other			<b>N/A</b>
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.0%</b>	<b>0.6%</b>	<b>4.4%</b>	AA/Black	<b>5.0%</b>	<b>14.4%</b>	<b>-9.4%</b>
Hispanic	<b>1.3%</b>	<b>2.1%</b>	<b>-0.8%</b>	Hispanic	<b>1.3%</b>	<b>14.5%</b>	<b>-13.2%</b>
White	<b>93.7%</b>	<b>96.3%</b>	<b>-2.6%</b>	White	<b>93.7%</b>	<b>66.4%</b>	<b>27.3%</b>
Other	<b>0.0%</b>	<b>1.6%</b>	<b>-1.6%</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>6.3%</b>	<b>12.5%</b>	<b>50.0%</b>	<b>31.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>33.9%</b>	<b>25.0%</b>	<b>34.3%</b>	<b>6.9%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		<b>.005*</b>		<i>sig.</i>			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MASHPEE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>432</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>25.1%</b>	Citations per 1000			
	Passing through:		<b>74.9%</b>	18 + residents: <b>36.1</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 383)</b>				<b>ITP Stops<sup>3</sup> (N = 132)</b>			
Mean age				Mean age			
<b>37.43</b>				<b>36.68</b>			
Gender %				Gender %			
Female		<b>30.2%</b>		Female		<b>31.1%</b>	
Male		<b>69.8%</b>		Male		<b>68.9%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup> <b>2.6%</b>		Race %		Mis/Unk <sup>4</sup> <b>1.5%</b>	
AA/Black		<b>11.0%</b>		AA/Black		<b>6.2%</b>	
Hispanic		<b>3.8%</b>		Hispanic		<b>0.8%</b>	
White		<b>84.2%</b>		White		<b>91.5%</b>	
Other		<b>1.1%</b>		Other		<b>1.5%</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.0%</b>	<b>3.2%</b>	<b>7.8%</b>	AA/Black	<b>11.0%</b>	<b>14.4%</b>	<b>-3.4%</b>
Hispanic	<b>3.8%</b>	<b>0.6%</b>	<b>3.2%</b>	Hispanic	<b>3.8%</b>	<b>14.5%</b>	<b>-10.7%</b>
White	<b>84.2%</b>	<b>85.7%</b>	<b>-1.5%</b>	White	<b>84.2%</b>	<b>66.4%</b>	<b>17.8%</b>
Other	<b>1.1%</b>	<b>9.6%</b>	<b>-8.5%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	55	<b>17.9%</b>	<b>12.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	284	<b>82.1%</b>	<b>87.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.236	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.477	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>14.0%</b>	<b>16.0%</b>	<b>60.0%</b>	<b>10.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>17.6%</b>	<b>11.8%</b>	<b>58.8%</b>	<b>11.8%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>24.8%</b>	<b>22.2%</b>	<b>42.5%</b>	<b>10.5%</b>			
Other	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.374	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MATTAPOISETT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,004</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.5%</b>	Citations per 1000	
	Passing through:	<b>75.5%</b>	18 + residents:	<b>183.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 970)				ITP Stops <sup>3</sup> (N = 439)			
Mean age				Mean age			
<b>37.08</b>				<b>36.88</b>			
Gender %				Gender %			
Female		<b>41.5%</b>		Female		<b>37.4%</b>	
Male		<b>58.4%</b>		Male		<b>62.4%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.2%</b>	
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black		<b>6.3%</b>		AA/Black		<b>5.7%</b>	
Hispanic		<b>3.4%</b>		Hispanic		<b>3.3%</b>	
White		<b>90.1%</b>		White		<b>91.0%</b>	
Other		<b>0.2%</b>		Other		<b>0.0%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.3%</b>	<b>0.0%</b>	<b>6.3%</b>	AA/Black	<b>6.3%</b>	<b>14.4%</b>	<b>-8.1%</b>
Hispanic	<b>3.4%</b>	<b>2.4%</b>	<b>1.0%</b>	Hispanic	<b>3.4%</b>	<b>14.5%</b>	<b>-11.1%</b>
White	<b>90.1%</b>	<b>95.2%</b>	<b>-5.1%</b>	White	<b>90.1%</b>	<b>66.4%</b>	<b>23.7%</b>
Other	<b>0.2%</b>	<b>1.5%</b>	<b>-1.3%</b>	Other	<b>0.2%</b>	<b>4.6%</b>	<b>-4.4%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	89	<b>9.3%</b>	<b>11.0%</b>	NW	33	<b>8.9%</b>	<b>8.8%</b>
White	811	<b>90.7%</b>	<b>89.0%</b>	White	339	<b>91.1%</b>	<b>91.2%</b>
Chi-square, X-tab <sup>6</sup> :		.432	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.973	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.586	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.158	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>63.1%</b>	<b>7.7%</b>	<b>21.5%</b>	<b>7.7%</b>	NW	<b>0</b>	
Hispanic	<b>55.9%</b>	<b>8.8%</b>	<b>26.5%</b>	<b>8.8%</b>	White	<b>0</b>	
White	<b>84.6%</b>	<b>4.4%</b>	<b>7.7%</b>	<b>3.3%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent	
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MAYNARD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>752</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.5%</b>	Citations per 1000	
	Passing through:	<b>78.5%</b>	18 + residents:	<b>84.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 730)				ITP Stops <sup>3</sup> (N = 266)			
Mean age				Mean age			
<b>37.91</b>				<b>37.67</b>			
Gender %				Gender %			
Female		<b>35.5%</b>		Female		<b>34.2%</b>	
Male		<b>64.4%</b>		Male		<b>65.4%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.4%</b>	
Race % Mis/Unk <sup>4</sup> <b>3.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.3%</b>			
AA/Black		<b>6.1%</b>		AA/Black		<b>5.0%</b>	
Hispanic		<b>3.5%</b>		Hispanic		<b>4.6%</b>	
White		<b>87.4%</b>		White		<b>86.5%</b>	
Other		<b>0.0%</b>		Other		<b>3.8%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.1%</b>	<b>1.3%</b>	<b>4.8%</b>	AA/Black	<b>6.1%</b>	<b>14.4%</b>	<b>-8.3%</b>
Hispanic	<b>3.5%</b>	<b>3.4%</b>	<b>0.1%</b>	Hispanic	<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
White	<b>87.4%</b>	<b>91.9%</b>	<b>-4.5%</b>	White	<b>87.4%</b>	<b>66.4%</b>	<b>21.0%</b>
Other	<b>0.0%</b>	<b>3.4%</b>	<b>-3.4%</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	79	<b>9.4%</b>	<b>17.4%</b>	NW	30	<b>8.0%</b>	<b>16.4%</b>
White	575	<b>90.6%</b>	<b>82.6%</b>	White	211	<b>92.0%</b>	<b>83.6%</b>
Chi-square, X-tab <sup>6</sup> :		.003*	sig.	Chi-square, X-tab <sup>6</sup> :		.048*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.516*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.349*	sig.

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.4%</b>	<b>11.4%</b>	<b>25.0%</b>	<b>2.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>38.5%</b>	<b>19.2%</b>	<b>30.8%</b>	<b>11.5%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>60.1%</b>	<b>22.0%</b>	<b>16.2%</b>	<b>1.7%</b>			
Other	<b>81.0%</b>	<b>4.8%</b>	<b>14.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.003*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MEDFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>594</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.8%</b>	Citations per 1000	
	Passing through:	<b>72.2%</b>	18 + residents:	<b>65.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 577)				ITP Stops <sup>3</sup> (N = 278)			
Mean age				Mean age			
<b>40.36</b>				<b>28.97</b>			
Gender %				Gender %			
Female <b>44.5%</b>				Female <b>42.0%</b>			
Male <b>55.5%</b>				Male <b>58.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>4.0%</b>			
AA/Black <b>3.6%</b>				AA/Black <b>4.5%</b>			
Hispanic <b>1.3%</b>				Hispanic <b>1.1%</b>			
White <b>93.3%</b>				White <b>92.1%</b>			
Other <b>1.8%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.6%</b>	<b>0.9%</b>	<b>2.7%</b>	AA/Black	<b>3.6%</b>	<b>14.4%</b>	<b>-10.8%</b>
Hispanic	<b>1.3%</b>	<b>2.0%</b>	<b>-0.7%</b>	Hispanic	<b>1.3%</b>	<b>14.5%</b>	<b>-13.2%</b>
White	<b>93.3%</b>	<b>91.1%</b>	<b>2.2%</b>	White	<b>93.3%</b>	<b>66.4%</b>	<b>26.9%</b>
Other	<b>1.8%</b>	<b>6.1%</b>	<b>-4.3%</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	<b>5.6%</b>	<b>8.4%</b>	NW	20	<b>6.7%</b>	<b>9.6%</b>
White	483	<b>94.4%</b>	<b>91.6%</b>	White	230	<b>93.3%</b>	<b>90.4%</b>
Chi-square, X-tab <sup>6</sup> :		.219	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.400	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.764	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.798	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>66.7%</b>	<b>19.0%</b>	<b>4.8%</b>	<b>9.5%</b>	NW	<b>0</b>	
Hispanic	<b>71.4%</b>	<b>0.0%</b>	<b>14.3%</b>	<b>14.3%</b>	White	<b>1</b>	
White	<b>75.2%</b>	<b>17.7%</b>	<b>6.0%</b>	<b>1.1%</b>			
Other	<b>70.0%</b>	<b>30.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> :		.017*	<i>sig.</i>			Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MEDFORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>710</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.5%</b>	Citations per 1000	
	Passing through:	<b>64.5%</b>	18 + residents:	<b>14.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 641)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 4.8%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .231 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .497* sig.				Odds ratio Exp(B) <sup>7</sup> : .497 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MEDWAY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,720</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population		
	Intown motorist:	<b>25.8%</b>	Citations per 1000		
	Passing through:	<b>74.2%</b>	18 + residents:		<b>169.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,689)				ITP Stops <sup>3</sup> (N = 402)			
Mean age				Mean age			
42.29				39.6			
Gender %				Gender %			
		Female				Female	
		46.7%				40.4%	
		Male				Male	
		53.3%				59.6%	
		Non-binary				Non-binary	
		0.0%				0.0%	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		0.4%				0.2%	
		AA/Black				AA/Black	
		2.1%				2.2%	
		Hispanic				Hispanic	
		5.0%				6.7%	
		White				White	
		89.7%				87.8%	
		Other				Other	
		3.2%				3.2%	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
		City Dem	% Dif			State Avg	% Dif
Motorist Race				Motorist Race			
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%

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

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.148	not sig.	Chi-square, X-tab <sup>6</sup> :		.661	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.673	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.834	not sig.

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

<sup>7</sup>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<sup>8</sup>

	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 <sup>6</sup> :		.000* sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MELROSE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>265</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>18.7%</b>	Citations per 1000 18 + residents: <b>11.1</b>			
	Passing through:		<b>81.3%</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 219)</b>			<b>ITP Stops<sup>3</sup> (N = N/A)</b>				
Mean age			Mean age				
<b>39.11</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>38.8%</b>			Female <b>N/A</b>				
Male <b>61.2%</b>			Male <b>N/A</b>				
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>				
Race %		Mis/Unk <sup>4</sup>	<b>12.3%</b>	Race %		Mis/Unk <sup>4</sup>	<b>N/A</b>
AA/Black			<b>7.8%</b>	AA/Black			<b>N/A</b>
Hispanic			<b>4.2%</b>	Hispanic			<b>N/A</b>
White			<b>83.3%</b>	White			<b>N/A</b>
Other			<b>4.7%</b>	Other			<b>N/A</b>
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.8%</b>	<b>3.4%</b>	<b>N/A</b>	AA/Black	<b>7.8%</b>	<b>14.4%</b>	<b>-6.6%</b>
Hispanic	<b>4.2%</b>	<b>3.5%</b>	<b>N/A</b>	Hispanic	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
White	<b>83.3%</b>	<b>80.8%</b>	<b>N/A</b>	White	<b>83.3%</b>	<b>66.4%</b>	<b>16.9%</b>
Other	<b>4.7%</b>	<b>12.8%</b>	<b>N/A</b>	Other	<b>4.7%</b>	<b>4.6%</b>	<b>0.1%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	30	<b>17.1%</b>	<b>15.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	150	<b>82.9%</b>	<b>84.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.824	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.920	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.9%</b>	<b>4.8%</b>	<b>28.6%</b>	<b>4.8%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>0.0%</b>	<b>66.7%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>68.6%</b>	<b>14.1%</b>	<b>16.2%</b>	<b>1.0%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.003* sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MENDON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>411</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.2%</b>	Citations per 1000	
	Passing through:	<b>86.8%</b>	18 + residents:	<b>86.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 381)				ITP Stops <sup>3</sup> (N = 149)			
Mean age				Mean age			
<b>35.46</b>				<b>35.48</b>			
Gender %				Gender %			
Female <b>33.2%</b>				Female <b>30.6%</b>			
Male <b>66.8%</b>				Male <b>69.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.7%</b>			
AA/Black <b>5.1%</b>				AA/Black <b>6.9%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>6.9%</b>			
White <b>86.8%</b>				White <b>86.2%</b>			
Other <b>0.5%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.1%</b>	<b>0.1%</b>	<b>5.0%</b>	AA/Black	<b>5.1%</b>	<b>14.4%</b>	<b>-9.3%</b>
Hispanic	<b>7.5%</b>	<b>2.3%</b>	<b>5.2%</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>86.8%</b>	<b>92.3%</b>	<b>-5.5%</b>	White	<b>86.8%</b>	<b>66.4%</b>	<b>20.4%</b>
Other	<b>0.5%</b>	<b>5.3%</b>	<b>-4.8%</b>	Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	<b>12.6%</b>	<b>16.7%</b>	NW	19	<b>10.8%</b>	<b>29.6%</b>
White	306	<b>87.4%</b>	<b>83.3%</b>	White	110	<b>89.2%</b>	<b>70.4%</b>
Chi-square, X-tab <sup>6</sup> : .341 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .014* <i>sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .862 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .755 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>52.6%</b>	<b>21.1%</b>	<b>26.3%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>35.3%</b>	<b>17.6%</b>	<b>44.1%</b>	<b>2.9%</b>	White	<b>3</b>
White	<b>63.9%</b>	<b>18.5%</b>	<b>15.9%</b>	<b>1.7%</b>		
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .017* <i>sig.</i>						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MERRIMAC POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>372</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>26.3%</b>	Citations per 1000		
	Passing through:		<b>73.7%</b>	18 + residents:		<b>69</b>
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 366)</b>			<b>ITP Stops<sup>3</sup> (N = 140)</b>			
Mean age			Mean age			
<b>40.15</b>			<b>40.04</b>			
Gender %			Gender %			
Female <b>45.2%</b>			Female <b>48.6%</b>			
Male <b>54.5%</b>			Male <b>51.4%</b>			
Non-binary <b>0.3%</b>			Non-binary <b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>	Race %		Mis/Unk <sup>4</sup>	
AA/Black <b>3.4%</b>		<b>2.2%</b>	AA/Black <b>3.6%</b>		<b>1.4%</b>	
Hispanic <b>6.7%</b>			Hispanic <b>5.1%</b>			
White <b>89.1%</b>			White <b>90.6%</b>			
Other <b>0.8%</b>			Other <b>0.7%</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	<b>3.4%</b>	<b>0.0%</b>	<b>3.4%</b>	AA/Black	<b>3.4%</b>	<b>14.4%</b> <b>-11.0%</b>
Hispanic	<b>6.7%</b>	<b>1.4%</b>	<b>5.3%</b>	Hispanic	<b>6.7%</b>	<b>14.5%</b> <b>-7.8%</b>
White	<b>89.1%</b>	<b>92.4%</b>	<b>-3.3%</b>	White	<b>89.1%</b>	<b>66.4%</b> <b>22.7%</b>
Other	<b>0.8%</b>	<b>6.2%</b>	<b>-5.4%</b>	Other	<b>0.8%</b>	<b>4.6%</b> <b>-3.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	35	<b>10.5%</b>	<b>11.0%</b>	NW	N/A	<b>N/A</b> <b>N/A</b>
White	291	<b>89.5%</b>	<b>89.0%</b>	White	N/A	<b>N/A</b> <b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.867	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		1.079	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search? Counts Percent
AA/Black	<b>91.7%</b>	<b>0.0%</b>	<b>8.3%</b>	<b>0.0%</b>	NW	<b>0</b> <b>N/A</b>
Hispanic	<b>58.3%</b>	<b>16.7%</b>	<b>20.8%</b>	<b>4.2%</b>	White	<b>3</b> <b>N/A</b>
White	<b>84.9%</b>	<b>4.6%</b>	<b>9.0%</b>	<b>1.5%</b>		
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.127	not sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
METHUEN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,762</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.7%</b>	Citations per 1000	
	Passing through:	<b>71.3%</b>	18 + residents:	<b>43.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,554)				ITP Stops <sup>3</sup> (N = 800)			
Mean age				Mean age			
<b>35.32</b>				<b>34.74</b>			
Gender %				Gender %			
Female <b>35.0%</b>				Female <b>32.2%</b>			
Male <b>65.0%</b>				Male <b>67.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>22.8%</b>				Race % Mis/Unk <sup>4</sup> <b>31.4%</b>			
AA/Black <b>3.4%</b>				AA/Black <b>3.3%</b>			
Hispanic <b>52.4%</b>				Hispanic <b>48.5%</b>			
White <b>42.8%</b>				White <b>46.6%</b>			
Other <b>1.4%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.4%</b>	<b>4.3%</b>	<b>-0.9%</b>	AA/Black	<b>3.4%</b>	<b>14.4%</b>	<b>-11.0%</b>
Hispanic	<b>52.4%</b>	<b>29.5%</b>	<b>22.9%</b>	Hispanic	<b>52.4%</b>	<b>14.5%</b>	<b>37.9%</b>
White	<b>42.8%</b>	<b>60.9%</b>	<b>-18.1%</b>	White	<b>42.8%</b>	<b>66.4%</b>	<b>-23.6%</b>
Other	<b>1.4%</b>	<b>8.3%</b>	<b>-6.9%</b>	Other	<b>1.4%</b>	<b>4.6%</b>	<b>-3.2%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	647	<b>56.1%</b>	<b>61.7%</b>	NW	263	<b>52.7%</b>	<b>56.6%</b>
White	471	<b>43.9%</b>	<b>38.3%</b>	White	223	<b>47.3%</b>	<b>43.4%</b>
Chi-square, X-tab <sup>6</sup> : .080 not sig.				Chi-square, X-tab <sup>6</sup> : .405 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .778 not sig.				Odds ratio Exp(B) <sup>7</sup> : .902 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.0%</b>	<b>10.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>55.0%</b>	<b>33.9%</b>	<b>9.5%</b>	<b>1.6%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>71.1%</b>	<b>20.2%</b>	<b>7.0%</b>	<b>1.7%</b>			
Other	<b>63.2%</b>	<b>26.3%</b>	<b>10.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MIDDLEBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>462</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.2%</b>	Citations per 1000	
	Passing through:	<b>65.8%</b>	18 + residents:	<b>22.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 326)				ITP Stops <sup>3</sup> (N = 92)			
Mean age				Mean age			
<b>36.02</b>				<b>34.68</b>			
Gender %				Gender %			
Female <b>29.0%</b>				Female <b>24.4%</b>			
Male <b>71.0%</b>				Male <b>75.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>10.0%</b>				AA/Black <b>14.4%</b>			
Hispanic <b>0.9%</b>				Hispanic <b>1.1%</b>			
White <b>88.4%</b>				White <b>83.3%</b>			
Other <b>0.6%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.0%</b>	<b>2.1%</b>	<b>7.9%</b>	AA/Black	<b>10.0%</b>	<b>14.4%</b>	<b>-4.4%</b>
Hispanic	<b>0.9%</b>	<b>3.0%</b>	<b>-2.1%</b>	Hispanic	<b>0.9%</b>	<b>14.5%</b>	<b>-13.6%</b>
White	<b>88.4%</b>	<b>92.2%</b>	<b>-3.8%</b>	White	<b>88.4%</b>	<b>66.4%</b>	<b>22.0%</b>
Other	<b>0.6%</b>	<b>2.0%</b>	<b>-1.4%</b>	Other	<b>0.6%</b>	<b>4.6%</b>	<b>-4.0%</b>

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	33	<b>11.6%</b>	<b>12.1%</b>	NW	14	<b>15.4%</b>	<b>21.4%</b>
White	246	<b>88.4%</b>	<b>87.9%</b>	White	66	<b>84.6%</b>	<b>78.6%</b>
Chi-square, X-tab <sup>6</sup> :		.901	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.497	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.934	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.621	<i>not sig.</i>

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>32.6%</b>	<b>14.0%</b>	<b>44.2%</b>	<b>9.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>25.0%</b>	<b>50.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>35.5%</b>	<b>18.4%</b>	<b>33.3%</b>	<b>12.9%</b>			
Other	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.358	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MIDDLETON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>201</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>11.8%</b>			Citations per 1000			
	Passing through: <b>88.2%</b>			18 + residents: <b>24.5</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 170)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>33.83</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>25.6%</b>				Female <b>N/A</b>			
Male <b>74.4%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>6.0%</b>				AA/Black <b>N/A</b>			
Hispanic <b>12.7%</b>				Hispanic <b>N/A</b>			
White <b>78.3%</b>				White <b>N/A</b>			
Other <b>3.0%</b>				Other <b>N/A</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.0%</b>	<b>1.5%</b>	<b>N/A</b>	AA/Black	<b>6.0%</b>	<b>14.4%</b>	<b>-8.4%</b>
Hispanic	<b>12.7%</b>	<b>6.2%</b>	<b>N/A</b>	Hispanic	<b>12.7%</b>	<b>14.5%</b>	<b>-1.8%</b>
White	<b>78.3%</b>	<b>90.3%</b>	<b>N/A</b>	White	<b>78.3%</b>	<b>66.4%</b>	<b>11.9%</b>
Other	<b>3.0%</b>	<b>4.7%</b>	<b>N/A</b>	Other	<b>3.0%</b>	<b>4.6%</b>	<b>-1.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	<b>21.4%</b>	<b>23.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	117	<b>78.6%</b>	<b>76.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .766 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .980 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.7%</b>	<b>18.2%</b>	<b>9.1%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>40.7%</b>	<b>11.1%</b>	<b>37.0%</b>	<b>11.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>57.5%</b>	<b>26.8%</b>	<b>13.1%</b>	<b>2.6%</b>			
Other	<b>83.3%</b>	<b>0.0%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>8</sup> : .016* sig.							
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MILFORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,879</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>47.1%</b>	Citations per 1000	
	Passing through:	<b>52.9%</b>	18 + residents:	<b>84</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,657)				ITP Stops <sup>3</sup> (N = 401)			
Mean age				Mean age			
<b>36.82</b>				<b>34.98</b>			
Gender %				Gender %			
Female <b>32.0%</b>				Female <b>20.1%</b>			
Male <b>68.0%</b>				Male <b>79.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>4.3%</b>			
Hispanic <b>10.3%</b>				Hispanic <b>13.5%</b>			
White <b>83.2%</b>				White <b>81.4%</b>			
Other <b>2.5%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>2.3%</b>	<b>1.7%</b>	AA/Black	<b>4.0%</b>	<b>14.4%</b>	<b>-10.4%</b>
Hispanic	<b>10.3%</b>	<b>14.0%</b>	<b>-3.7%</b>	Hispanic	<b>10.3%</b>	<b>14.5%</b>	<b>-4.2%</b>
White	<b>83.2%</b>	<b>73.8%</b>	<b>9.4%</b>	White	<b>83.2%</b>	<b>66.4%</b>	<b>16.8%</b>
Other	<b>2.5%</b>	<b>5.4%</b>	<b>-2.9%</b>	Other	<b>2.5%</b>	<b>4.6%</b>	<b>-2.1%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	258	<b>16.2%</b>	<b>21.0%</b>	NW	64	<b>17.3%</b>	<b>20.1%</b>
White	1,235	<b>83.8%</b>	<b>79.0%</b>	White	283	<b>82.7%</b>	<b>79.9%</b>
Chi-square, X-tab <sup>6</sup> : .042* sig.				Chi-square, X-tab <sup>6</sup> : .504 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .786 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.279 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.7%</b>	<b>5.3%</b>	<b>20.0%</b>	<b>4.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>2.7%</b>	<b>55.6%</b>	<b>8.4%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>70.2%</b>	<b>3.4%</b>	<b>22.4%</b>	<b>4.0%</b>			
Other	<b>92.7%</b>	<b>0.0%</b>	<b>7.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MILLBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>352</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.2%</b>	Citations per 1000	
	Passing through:	<b>74.8%</b>	18 + residents:	<b>31.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 326)				ITP Stops <sup>3</sup> (N = 142)			
Mean age				Mean age			
<b>37.18</b>				<b>38.02</b>			
Gender %				Gender %			
Female <b>36.6%</b>				Female <b>35.9%</b>			
Male <b>63.4%</b>				Male <b>64.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			
AA/Black <b>9.2%</b>				AA/Black <b>9.4%</b>			
Hispanic <b>7.9%</b>				Hispanic <b>6.5%</b>			
White <b>80.0%</b>				White <b>80.6%</b>			
Other <b>2.9%</b>				Other <b>3.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.2%</b>	<b>1.4%</b>	<b>7.8%</b>	AA/Black	<b>9.2%</b>	<b>14.4%</b>	<b>-5.2%</b>
Hispanic	<b>7.9%</b>	<b>1.2%</b>	<b>6.7%</b>	Hispanic	<b>7.9%</b>	<b>14.5%</b>	<b>-6.6%</b>
White	<b>80.0%</b>	<b>91.1%</b>	<b>-11.1%</b>	White	<b>80.0%</b>	<b>66.4%</b>	<b>13.6%</b>
Other	<b>2.9%</b>	<b>5.4%</b>	<b>-2.5%</b>	Other	<b>2.9%</b>	<b>4.6%</b>	<b>-1.7%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	56	<b>15.4%</b>	<b>27.2%</b>	NW	24	<b>13.7%</b>	<b>23.6%</b>
White	220	<b>84.6%</b>	<b>72.8%</b>	White	99	<b>86.3%</b>	<b>76.4%</b>
Chi-square, X-tab <sup>6</sup> : .017* sig.				Chi-square, X-tab <sup>6</sup> : .173 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .495* sig.				Odds ratio Exp(B) <sup>7</sup> : .446 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>50.0%</b>	<b>10.0%</b>	<b>36.7%</b>	<b>3.3%</b>	NW	<b>0</b>	
Hispanic	<b>52.0%</b>	<b>16.0%</b>	<b>32.0%</b>	<b>0.0%</b>	White	<b>3</b>	
White	<b>65.2%</b>	<b>12.3%</b>	<b>15.6%</b>	<b>6.9%</b>			
Other	<b>66.7%</b>	<b>22.2%</b>	<b>11.1%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> : .099 not sig,						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MILLIS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>460</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>16.3%</b>			Citations per 1000			
	Passing through: <b>83.7%</b>			18 + residents: <b>70.9</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 443)</b>				<b>ITP Stops<sup>3</sup> (N = 137)</b>			
Mean age				Mean age			
<b>38.44</b>				<b>36.78</b>			
Gender %				Gender %			
Female <b>33.7%</b>				Female <b>25.7%</b>			
Male <b>66.3%</b>				Male <b>74.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.4%</b>				Race % Mis/Unk <sup>4</sup> <b>6.6%</b>			
AA/Black <b>2.4%</b>				AA/Black <b>3.9%</b>			
Hispanic <b>5.9%</b>				Hispanic <b>7.0%</b>			
White <b>91.5%</b>				White <b>88.3%</b>			
Other <b>0.2%</b>				Other <b>0.8%</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.4%</b>	<b>2.3%</b>	<b>0.1%</b>	AA/Black	<b>2.4%</b>	<b>14.4%</b>	<b>-12.0%</b>
Hispanic	<b>5.9%</b>	<b>2.3%</b>	<b>3.6%</b>	Hispanic	<b>5.9%</b>	<b>14.5%</b>	<b>-8.6%</b>
White	<b>91.5%</b>	<b>92.9%</b>	<b>-1.4%</b>	White	<b>91.5%</b>	<b>66.4%</b>	<b>25.1%</b>
Other	<b>0.2%</b>	<b>1.7%</b>	<b>-1.5%</b>	Other	<b>0.2%</b>	<b>4.6%</b>	<b>-4.4%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>7.5%</b>	<b>14.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	365	<b>92.5%</b>	<b>85.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .056 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .603 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>30.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>45.8%</b>	<b>4.2%</b>	<b>45.8%</b>	<b>4.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>66.2%</b>	<b>13.0%</b>	<b>16.4%</b>	<b>4.3%</b>			
Other	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>50.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MILLVILLE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>216</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>7.5%</b>	Citations per 1000			
	Passing through:		<b>92.5%</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 212)</b>			<b>ITP Stops<sup>3</sup> (N = N/A)</b>				
Mean age			Mean age				
<b>32.22</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>38.8%</b>			Female <b>N/A</b>				
Male <b>61.2%</b>			Male <b>N/A</b>				
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>5.7%</b>			Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>6.0%</b>			AA/Black <b>N/A</b>				
Hispanic <b>7.0%</b>			Hispanic <b>N/A</b>				
White <b>86.0%</b>			White <b>N/A</b>				
Other <b>1.0%</b>			Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.0%</b>	<b>14.4%</b>	<b>-8.4%</b>
Hispanic	<b>7.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.0%</b>	<b>14.5%</b>	<b>-7.5%</b>
White	<b>86.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.0%</b>	<b>66.4%</b>	<b>19.6%</b>
Other	<b>1.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.0%</b>	<b>4.6%</b>	<b>-3.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	<b>9.0%</b>	<b>28.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	163	<b>91.0%</b>	<b>71.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.			Chi-square, X-tab <sup>6</sup> : N/A N/A				
Odds ratio Exp(B) <sup>7</sup> : .255* sig.			Odds ratio Exp(B) <sup>7</sup> : N/A N/A				
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.3%</b>	<b>8.3%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>35.7%</b>	<b>28.6%</b>	<b>35.7%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>59.1%</b>	<b>22.2%</b>	<b>16.5%</b>	<b>2.3%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .120 not sig.							
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MILTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>774</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.8%</b>	Citations per 1000	
	Passing through:	<b>79.2%</b>	18 + residents:	<b>37.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 675)				ITP Stops <sup>3</sup> (N = 251)			
Mean age				Mean age			
<b>38.27</b>				<b>38.36</b>			
Gender %				Gender %			
Female <b>37.0%</b>				Female <b>32.9%</b>			
Male <b>63.0%</b>				Male <b>67.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>46.4%</b>				AA/Black <b>45.2%</b>			
Hispanic <b>12.0%</b>				Hispanic <b>14.8%</b>			
White <b>38.5%</b>				White <b>37.2%</b>			
Other <b>3.1%</b>				Other <b>2.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>46.4%</b>	<b>15.1%</b>	<b>31.3%</b>	AA/Black	<b>46.4%</b>	<b>14.4%</b>	<b>32.0%</b>
Hispanic	<b>12.0%</b>	<b>3.2%</b>	<b>8.8%</b>	Hispanic	<b>12.0%</b>	<b>14.5%</b>	<b>-2.5%</b>
White	<b>38.5%</b>	<b>71.7%</b>	<b>-33.2%</b>	White	<b>38.5%</b>	<b>66.4%</b>	<b>-27.9%</b>
Other	<b>3.1%</b>	<b>10.6%</b>	<b>-7.5%</b>	Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	371	<b>54.9%</b>	<b>75.0%</b>	NW	134	<b>42.0%</b>	<b>73.5%</b>
White	236	<b>45.1%</b>	<b>25.0%</b>	White	83	<b>58.0%</b>	<b>26.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .463* sig.				Odds ratio Exp(B) <sup>7</sup> : .341* sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.6%</b>	<b>9.4%</b>	<b>13.9%</b>	<b>1.1%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>66.3%</b>	<b>7.6%</b>	<b>23.9%</b>	<b>2.2%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>83.9%</b>	<b>7.1%</b>	<b>7.9%</b>	<b>1.1%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .002* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MONSON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>710</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.8%</b>	Citations per 1000	
	Passing through:	<b>70.2%</b>	18 + residents:	<b>98.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 681)				ITP Stops <sup>3</sup> (N = 255)			
Mean age				Mean age			
<b>36.29</b>				<b>36.08</b>			
Gender %				Gender %			
Female <b>26.1%</b>				Female <b>18.9%</b>			
Male <b>73.9%</b>				Male <b>81.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>1.5%</b>				<b>0.4%</b>	
AA/Black		<b>5.2%</b>		AA/Black		<b>6.7%</b>	
Hispanic		<b>5.2%</b>		Hispanic		<b>5.5%</b>	
White		<b>89.1%</b>		White		<b>87.4%</b>	
Other		<b>0.4%</b>		Other		<b>0.4%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.2%</b>	<b>1.1%</b>	<b>4.1%</b>	AA/Black	<b>5.2%</b>	<b>14.4%</b>	<b>-9.2%</b>
Hispanic	<b>5.2%</b>	<b>1.5%</b>	<b>3.7%</b>	Hispanic	<b>5.2%</b>	<b>14.5%</b>	<b>-9.3%</b>
White	<b>89.1%</b>	<b>95.9%</b>	<b>-6.8%</b>	White	<b>89.1%</b>	<b>66.4%</b>	<b>22.7%</b>
Other	<b>0.4%</b>	<b>2.0%</b>	<b>-1.6%</b>	Other	<b>0.4%</b>	<b>4.6%</b>	<b>-4.2%</b>

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

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	<b>9.6%</b>	<b>15.3%</b>	NW	30	<b>12.2%</b>	<b>15.7%</b>
White	510	<b>90.4%</b>	<b>84.7%</b>	White	196	<b>87.8%</b>	<b>84.3%</b>
Chi-square, X-tab <sup>6</sup> :		.040*	sig.	Chi-square, X-tab <sup>6</sup> :		.469	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.567*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.903	not sig.

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

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>36.1%</b>	<b>13.9%</b>	<b>33.3%</b>	<b>16.7%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>29.3%</b>	<b>14.6%</b>	<b>41.5%</b>	<b>14.6%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>57.4%</b>	<b>20.0%</b>	<b>12.4%</b>	<b>10.2%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*		sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MONTAGUE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>447</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>13.3%</b>	Citations per 1000		
	Passing through:		<b>86.8%</b>	18 + residents:		<b>64.4</b>
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup></b>			<b>(N = 401)</b>		<b>ITP Stops<sup>3</sup></b>	
Mean age			<b>36.9</b>		Mean age	
<b>36.9</b>			<b>36.14</b>		<b>36.14</b>	
Gender %			Female <b>39.2%</b>		Female <b>40.1%</b>	
Male <b>60.3%</b>			Male <b>60.3%</b>		Male <b>59.9%</b>	
Non-binary <b>0.5%</b>			Non-binary <b>0.5%</b>		Non-binary <b>0.0%</b>	
Race % Mis/Unk <sup>4</sup>			<b>4.7%</b>		Race % Mis/Unk <sup>4</sup>	
AA/Black <b>4.7%</b>			AA/Black <b>4.7%</b>		AA/Black <b>5.3%</b>	
Hispanic <b>2.1%</b>			Hispanic <b>2.1%</b>		Hispanic <b>2.3%</b>	
White <b>92.7%</b>			White <b>92.7%</b>		White <b>92.4%</b>	
Other <b>0.5%</b>			Other <b>0.5%</b>		Other <b>0.0%</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	<b>4.7%</b>	<b>1.9%</b>	<b>2.8%</b>	AA/Black	<b>4.7%</b>	<b>14.4%</b> <b>-9.7%</b>
Hispanic	<b>2.1%</b>	<b>4.2%</b>	<b>-2.1%</b>	Hispanic	<b>2.1%</b>	<b>14.5%</b> <b>-12.4%</b>
White	<b>92.7%</b>	<b>88.9%</b>	<b>3.8%</b>	White	<b>92.7%</b>	<b>66.4%</b> <b>26.3%</b>
Other	<b>0.5%</b>	<b>5.5%</b>	<b>-5.0%</b>	Other	<b>0.5%</b>	<b>4.6%</b> <b>-4.1%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	23	<b>7.5%</b>	<b>6.0%</b>	NW	N/A	<b>N/A</b> <b>N/A</b>
White	311	<b>92.5%</b>	<b>94.0%</b>	White	N/A	<b>N/A</b> <b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.609	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		1.195	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>77.8%</b>	<b>0.0%</b>	<b>22.2%</b>	<b>0.0%</b>	NW	<b>0</b> <b>N/A</b>
Hispanic	<b>72.7%</b>	<b>18.2%</b>	<b>9.1%</b>	<b>0.0%</b>	White	<b>1</b> <b>N/A</b>
White	<b>85.8%</b>	<b>4.8%</b>	<b>9.2%</b>	<b>0.3%</b>		
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.476	<i>not sig.</i>			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NAHANT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>213</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>26.2%</b>	Citations per 1000			
	Passing through:		<b>73.8%</b>	18 + residents:		<b>17.2</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup></b>			<b>(N = 172)</b>				
Mean age			Mean age				
<b>38.94</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>32.2%</b>			Female <b>N/A</b>				
Male <b>67.8%</b>			Male <b>N/A</b>				
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>			Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>4.8%</b>			AA/Black <b>N/A</b>				
Hispanic <b>13.8%</b>			Hispanic <b>N/A</b>				
White <b>79.6%</b>			White <b>N/A</b>				
Other <b>1.8%</b>			Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.8%</b>	<b>1.3%</b>	<b>N/A</b>	AA/Black	<b>4.8%</b>	<b>14.4%</b>	<b>-9.6%</b>
Hispanic	<b>13.8%</b>	<b>2.0%</b>	<b>N/A</b>	Hispanic	<b>13.8%</b>	<b>14.5%</b>	<b>-0.7%</b>
White	<b>79.6%</b>	<b>89.3%</b>	<b>N/A</b>	White	<b>79.6%</b>	<b>66.4%</b>	<b>13.2%</b>
Other	<b>1.8%</b>	<b>7.0%</b>	<b>N/A</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	<b>20.0%</b>	<b>23.1%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	60	<b>80.0%</b>	<b>76.9%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :			.724	not sig.		Chi-square, X-tab <sup>6</sup> :	
Odds ratio Exp(B) <sup>7</sup> :			.965	not sig.		Odds ratio Exp(B) <sup>7</sup> :	
				N/A		N/A	
				N/A		N/A	
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>45.5%</b>	<b>9.1%</b>	<b>45.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>16.0%</b>	<b>32.0%</b>	<b>52.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>50.6%</b>	<b>11.3%</b>	<b>29.2%</b>	<b>8.9%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :			.005*	sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NANTUCKET POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>371</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>69.7%</b>	Citations per 1000			
	Passing through:		<b>30.3%</b>	18 + residents:		<b>41</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 320)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>35.7</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>21.6%</b>		Female		<b>N/A</b>	
Male		<b>78.4%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>3.8%</b>				<b>N/A</b>	
AA/Black		<b>9.7%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>6.2%</b>		Hispanic		<b>N/A</b>	
White		<b>84.1%</b>		White		<b>N/A</b>	
Other		<b>0.0%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.7%</b>	<b>7.8%</b>	<b>N/A</b>	AA/Black	<b>9.7%</b>	<b>14.4%</b>	<b>-4.7%</b>
Hispanic	<b>6.2%</b>	<b>4.2%</b>	<b>N/A</b>	Hispanic	<b>6.2%</b>	<b>14.5%</b>	<b>-8.3%</b>
White	<b>84.1%</b>	<b>85.2%</b>	<b>N/A</b>	White	<b>84.1%</b>	<b>66.4%</b>	<b>17.7%</b>
Other	<b>0.0%</b>	<b>4.1%</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	40	<b>12.3%</b>	<b>19.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	218	<b>87.7%</b>	<b>80.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.130	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.418*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>10.0%</b>	<b>20.0%</b>	<b>70.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>5.0%</b>	<b>45.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>10.4%</b>	<b>37.2%</b>	<b>52.0%</b>	<b>0.3%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.384	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NATICK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,906</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.4%</b>	Citations per 1000	
	Passing through:	<b>76.6%</b>	18 + residents:	<b>69.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,500)				ITP Stops <sup>3</sup> (N = 357)			
Mean age				Mean age			
<b>39.24</b>				<b>38.8</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>35.1%</b>			
Male <b>63.8%</b>				Male <b>64.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>3.1%</b>				<b>2.8%</b>	
AA/Black		<b>14.7%</b>		AA/Black		<b>17.6%</b>	
Hispanic		<b>9.6%</b>		Hispanic		<b>8.1%</b>	
White		<b>67.9%</b>		White		<b>66.9%</b>	
Other		<b>7.8%</b>		Other		<b>7.5%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.7%</b>	<b>1.9%</b>	<b>12.8%</b>	AA/Black	<b>14.7%</b>	<b>14.4%</b>	<b>0.3%</b>
Hispanic	<b>9.6%</b>	<b>4.1%</b>	<b>5.5%</b>	Hispanic	<b>9.6%</b>	<b>14.5%</b>	<b>-4.9%</b>
White	<b>67.9%</b>	<b>78.9%</b>	<b>-11.0%</b>	White	<b>67.9%</b>	<b>66.4%</b>	<b>1.5%</b>
Other	<b>7.8%</b>	<b>15.0%</b>	<b>-7.2%</b>	Other	<b>7.8%</b>	<b>4.6%</b>	<b>3.2%</b>

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

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	443	<b>30.1%</b>	<b>41.5%</b>	NW	105	<b>34.5%</b>	<b>33.6%</b>
White	907	<b>69.9%</b>	<b>58.5%</b>	White	202	<b>65.5%</b>	<b>66.4%</b>
Chi-square, X-tab <sup>6</sup> :		<b>.000*</b>	<i>sig.</i>	Chi-square, X-tab <sup>6</sup> :		<b>.872</b>	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		<b>.629*</b>	<i>sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		<b>1.195</b>	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.1%</b>	<b>17.3%</b>	<b>21.7%</b>	<b>3.9%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>42.9%</b>	<b>23.4%</b>	<b>29.7%</b>	<b>4.0%</b>	White	<b>19</b>	<b>N/A</b>
White	<b>65.1%</b>	<b>20.2%</b>	<b>13.1%</b>	<b>1.7%</b>			
Other	<b>66.7%</b>	<b>26.8%</b>	<b>4.1%</b>	<b>2.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		<b>.000*</b>	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NEEDHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,184</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.3%</b>	Citations per 1000	
	Passing through:	<b>68.7%</b>	18 + residents:	<b>95.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,027)				ITP Stops <sup>3</sup> (N = 666)			
Mean age				Mean age			
<b>43.45</b>				<b>41.36</b>			
Gender %				Gender %			
Female <b>47.6%</b>				Female <b>43.4%</b>			
Male <b>52.4%</b>				Male <b>56.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>6.4%</b>				AA/Black <b>7.2%</b>			
Hispanic <b>7.8%</b>				Hispanic <b>9.6%</b>			
White <b>77.2%</b>				White <b>75.3%</b>			
Other <b>8.6%</b>				Other <b>7.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.4%</b>	<b>2.9%</b>	<b>3.5%</b>	AA/Black	<b>6.4%</b>	<b>14.4%</b>	<b>-8.0%</b>
Hispanic	<b>7.8%</b>	<b>3.2%</b>	<b>4.6%</b>	Hispanic	<b>7.8%</b>	<b>14.5%</b>	<b>-6.7%</b>
White	<b>77.2%</b>	<b>82.6%</b>	<b>-5.4%</b>	White	<b>77.2%</b>	<b>66.4%</b>	<b>10.8%</b>
Other	<b>8.6%</b>	<b>11.4%</b>	<b>-2.8%</b>	Other	<b>8.6%</b>	<b>4.6%</b>	<b>4.0%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	439	<b>22.6%</b>	<b>24.5%</b>	NW	152	<b>24.2%</b>	<b>27.6%</b>
White	1,480	<b>77.4%</b>	<b>75.5%</b>	White	447	<b>75.8%</b>	<b>72.4%</b>
Chi-square, X-tab <sup>6</sup> : .448 not sig.				Chi-square, X-tab <sup>6</sup> : .354 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .977 not sig.				Odds ratio Exp(B) <sup>7</sup> : .888 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.1%</b>	<b>10.0%</b>	<b>7.9%</b>	<b>0.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>72.9%</b>	<b>8.2%</b>	<b>18.2%</b>	<b>0.6%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>88.2%</b>	<b>8.3%</b>	<b>2.9%</b>	<b>0.6%</b>			
Other	<b>92.2%</b>	<b>6.1%</b>	<b>1.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NEW BEDFORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,502</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>71.8%</b>	Citations per 1000	
	Passing through:	<b>28.2%</b>	18 + residents:	<b>47.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,765)				ITP Stops <sup>3</sup> (N = 906)			
Mean age				Mean age			
<b>35.47</b>				<b>36.34</b>			
Gender %				Gender %			
Female <b>35.7%</b>				Female <b>32.2%</b>			
Male <b>64.2%</b>				Male <b>67.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>22.7%</b>				AA/Black <b>22.9%</b>			
Hispanic <b>11.3%</b>				Hispanic <b>11.9%</b>			
White <b>65.4%</b>				White <b>64.5%</b>			
Other <b>0.7%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>22.7%</b>	<b>7.0%</b>	<b>15.7%</b>	AA/Black	<b>22.7%</b>	<b>14.4%</b>	<b>8.3%</b>
Hispanic	<b>11.3%</b>	<b>20.8%</b>	<b>-9.5%</b>	Hispanic	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
White	<b>65.4%</b>	<b>60.5%</b>	<b>4.9%</b>	White	<b>65.4%</b>	<b>66.4%</b>	<b>-1.0%</b>
Other	<b>0.7%</b>	<b>6.8%</b>	<b>-6.1%</b>	Other	<b>0.7%</b>	<b>4.6%</b>	<b>-3.9%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	812	<b>33.1%</b>	<b>36.8%</b>	NW	286	<b>35.3%</b>	<b>35.8%</b>
White	1,530	<b>66.9%</b>	<b>63.2%</b>	White	519	<b>64.7%</b>	<b>64.2%</b>
Chi-square, X-tab <sup>6</sup> : .060 not sig.				Chi-square, X-tab <sup>6</sup> : .889 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .841 not sig.				Odds ratio Exp(B) <sup>7</sup> : .878 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>34.1%</b>	<b>15.5%</b>	<b>41.2%</b>	<b>9.2%</b>	NW	<b>15</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>16.5%</b>	<b>38.8%</b>	<b>11.3%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>45.8%</b>	<b>14.8%</b>	<b>32.7%</b>	<b>6.7%</b>			
Other	<b>52.4%</b>	<b>14.3%</b>	<b>23.8%</b>	<b>9.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NEW MARLBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>295</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.0%</b>	Citations per 1000	
	Passing through:	<b>90.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 280)				ITP Stops <sup>3</sup> (N = 137)			
Mean age				Mean age			
<b>39.79</b>				<b>38.61</b>			
Gender %				Gender %			
Female <b>28.7%</b>				Female <b>27.7%</b>			
Male <b>71.3%</b>				Male <b>72.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.9%</b>			
AA/Black <b>7.6%</b>				AA/Black <b>9.8%</b>			
Hispanic <b>4.0%</b>				Hispanic <b>5.3%</b>			
White <b>86.5%</b>				White <b>82.0%</b>			
Other <b>1.8%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.6%</b>	<b>14.4%</b>	<b>-6.8%</b>
Hispanic	<b>4.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
White	<b>86.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.5%</b>	<b>66.4%</b>	<b>20.1%</b>
Other	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	33	<b>13.1%</b>	<b>12.5%</b>	NW	20	<b>17.2%</b>	<b>16.1%</b>
White	222	<b>86.9%</b>	<b>87.5%</b>	White	98	<b>82.8%</b>	<b>83.9%</b>
Chi-square, X-tab <sup>6</sup> :		.911	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.887	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		1.120	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.976	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>31.8%</b>	<b>31.8%</b>	<b>31.8%</b>	<b>4.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>18.2%</b>	<b>72.7%</b>	<b>9.1%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>41.7%</b>	<b>44.8%</b>	<b>11.9%</b>	<b>1.6%</b>			
Other	<b>0.0%</b>	<b>60.0%</b>	<b>40.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.054	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NEWBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>386</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>10.9%</b>	Citations per 1000		
	Passing through:		<b>89.1%</b>	18 + residents: <b>72.1</b>		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 369)</b>				<b>ITP Stops<sup>3</sup> (N = 110)</b>		
Mean age				Mean age		
<b>37.2</b>				<b>34.07</b>		
Gender %				Gender %		
Female		<b>39.6%</b>		Female		<b>37.6%</b>
Male		<b>59.9%</b>		Male		<b>61.5%</b>
Non-binary		<b>0.5%</b>		Non-binary		<b>0.9%</b>
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>
		<b>1.6%</b>				<b>1.8%</b>
AA/Black		<b>1.7%</b>		AA/Black		<b>1.9%</b>
Hispanic		<b>4.4%</b>		Hispanic		<b>6.5%</b>
White		<b>92.3%</b>		White		<b>88.0%</b>
Other		<b>1.7%</b>		Other		<b>3.7%</b>
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	<b>1.7%</b>	<b>1.0%</b>	<b>0.7%</b>	AA/Black	<b>1.7%</b>	<b>14.4%</b>
Hispanic	<b>4.4%</b>	<b>3.0%</b>	<b>1.4%</b>	Hispanic	<b>4.4%</b>	<b>14.5%</b>
White	<b>92.3%</b>	<b>92.1%</b>	<b>0.2%</b>	White	<b>92.3%</b>	<b>66.4%</b>
Other	<b>1.7%</b>	<b>2.8%</b>	<b>-1.1%</b>	Other	<b>1.7%</b>	<b>4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	27	<b>9.6%</b>	<b>5.5%</b>	NW	N/A	<b>N/A</b>
White	309	<b>90.4%</b>	<b>94.5%</b>	White	N/A	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.185	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A
Odds ratio Exp(B) <sup>7</sup> :		1.901	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>12.5%</b>	<b>37.5%</b>	<b>50.0%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>11.1%</b>	<b>50.0%</b>	<b>38.9%</b>	<b>0.0%</b>	White	<b>0</b>
White	<b>41.8%</b>	<b>38.3%</b>	<b>17.6%</b>	<b>2.3%</b>		
Other	<b>42.9%</b>	<b>28.6%</b>	<b>28.6%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.081		not sig.		
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NEWBURYPORT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>361</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>35.6%</b>	Citations per 1000		
	Passing through:		<b>64.4%</b>	18 + residents: <b>24.9</b>		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 327)</b>				<b>ITP Stops<sup>3</sup> (N = 134)</b>		
Mean age				Mean age		
<b>42.02</b>				<b>40.96</b>		
Gender %				Gender %		
Female		<b>47.1%</b>		Female		<b>44.8%</b>
Male		<b>52.9%</b>		Male		<b>55.2%</b>
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>
Race %		Mis/Unk <sup>4</sup> <b>3.4%</b>		Race %		Mis/Unk <sup>4</sup> <b>3.0%</b>
AA/Black		<b>4.1%</b>		AA/Black		<b>4.6%</b>
Hispanic		<b>5.4%</b>		Hispanic		<b>6.2%</b>
White		<b>88.9%</b>		White		<b>87.7%</b>
Other		<b>1.6%</b>		Other		<b>1.5%</b>
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>4.1%</b>	<b>1.7%</b>	<b>2.4%</b>	AA/Black	<b>4.1%</b>	<b>14.4%</b>
Hispanic	<b>5.4%</b>	<b>2.8%</b>	<b>2.6%</b>	Hispanic	<b>5.4%</b>	<b>14.5%</b>
White	<b>88.9%</b>	<b>92.4%</b>	<b>-3.5%</b>	White	<b>88.9%</b>	<b>66.4%</b>
Other	<b>1.6%</b>	<b>3.9%</b>	<b>-2.3%</b>	Other	<b>1.6%</b>	<b>4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>		
Race	N	Daylight	Darkness	Race	N	Daylight
NW	33	<b>10.3%</b>	<b>13.2%</b>	NW	N/A	<b>N/A</b>
White	266	<b>89.7%</b>	<b>86.8%</b>	White	N/A	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.494	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A
Odds ratio Exp(B) <sup>7</sup> :		.569	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>46.2%</b>	<b>15.4%</b>	<b>23.1%</b>	<b>15.4%</b>	NW	<b>0</b>
Hispanic	<b>68.4%</b>	<b>10.5%</b>	<b>21.1%</b>	<b>0.0%</b>	White	<b>1</b>
White	<b>59.8%</b>	<b>21.2%</b>	<b>13.5%</b>	<b>5.5%</b>		
Other	<b>80.0%</b>	<b>0.0%</b>	<b>20.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.496	not sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NEWTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,976</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.9%</b>	Citations per 1000	
	Passing through:	<b>61.1%</b>	18 + residents:	<b>28.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,818)				ITP Stops <sup>3</sup> (N = 797)			
Mean age				Mean age			
<b>43.34</b>				<b>42.02</b>			
Gender %				Gender %			
Female <b>41.6%</b>				Female <b>40.1%</b>			
Male <b>58.4%</b>				Male <b>59.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.6%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>9.3%</b>				AA/Black <b>8.6%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>5.4%</b>			
White <b>74.6%</b>				White <b>76.1%</b>			
Other <b>9.4%</b>				Other <b>9.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>9.3%</b>	<b>3.0%</b>	<b>6.3%</b>	AA/Black	<b>9.3%</b>	<b>14.4%</b> <b>-5.1%</b>
Hispanic	<b>6.7%</b>	<b>4.9%</b>	<b>1.8%</b>	Hispanic	<b>6.7%</b>	<b>14.5%</b> <b>-7.8%</b>
White	<b>74.6%</b>	<b>73.7%</b>	<b>0.9%</b>	White	<b>74.6%</b>	<b>66.4%</b> <b>8.2%</b>
Other	<b>9.4%</b>	<b>18.4%</b>	<b>-9.0%</b>	Other	<b>9.4%</b>	<b>4.6%</b> <b>4.8%</b>

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	416	<b>24.5%</b>	<b>30.0%</b>	NW	173	<b>21.9%</b>	<b>30.3%</b>
White	1,204	<b>75.5%</b>	<b>70.0%</b>	White	539	<b>78.1%</b>	<b>69.7%</b>
Chi-square, X-tab <sup>6</sup> : .034* sig.				Chi-square, X-tab <sup>6</sup> : .018* sig.			
Odds ratio Exp(B) <sup>7</sup> : .718* sig.				Odds ratio Exp(B) <sup>7</sup> : .622 not sig.			

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>83.3%</b>	<b>6.3%</b>	<b>9.8%</b>	<b>0.6%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>68.8%</b>	<b>5.6%</b>	<b>23.6%</b>	<b>2.1%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>87.1%</b>	<b>7.1%</b>	<b>5.6%</b>	<b>0.2%</b>			
Other	<b>84.5%</b>	<b>7.5%</b>	<b>6.3%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORFOLK POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,013</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.3%</b>	Citations per 1000	
	Passing through:	<b>77.7%</b>	18 + residents:	<b>107.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 967)				ITP Stops <sup>3</sup> (N = 451)			
Mean age				Mean age			
<b>37.36</b>				<b>36.64</b>			
Gender %				Gender %			
Female <b>32.7%</b>				Female <b>31.6%</b>			
Male <b>67.3%</b>				Male <b>68.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.1%</b>				Race % Mis/Unk <sup>4</sup> <b>2.9%</b>			
AA/Black <b>6.8%</b>				AA/Black <b>4.8%</b>			
Hispanic <b>8.2%</b>				Hispanic <b>8.4%</b>			
White <b>81.9%</b>				White <b>83.3%</b>			
Other <b>3.1%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>7.4%</b>	<b>-0.6%</b>	AA/Black	<b>6.8%</b>	<b>14.4%</b>	<b>-7.6%</b>
Hispanic	<b>8.2%</b>	<b>7.6%</b>	<b>0.6%</b>	Hispanic	<b>8.2%</b>	<b>14.5%</b>	<b>-6.3%</b>
White	<b>81.9%</b>	<b>83.2%</b>	<b>-1.3%</b>	White	<b>81.9%</b>	<b>66.4%</b>	<b>15.5%</b>
Other	<b>3.1%</b>	<b>3.1%</b>	<b>0.0%</b>	Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	163	<b>15.1%</b>	<b>28.4%</b>	NW	67	<b>16.1%</b>	<b>16.7%</b>
White	746	<b>84.9%</b>	<b>71.6%</b>	White	346	<b>83.9%</b>	<b>83.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .920 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .443* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.490 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>59.1%</b>	<b>10.6%</b>	<b>18.2%</b>	<b>12.1%</b>	NW	<b>0</b>	
Hispanic	<b>31.2%</b>	<b>5.2%</b>	<b>49.4%</b>	<b>14.3%</b>	White	<b>0</b>	
White	<b>77.2%</b>	<b>8.6%</b>	<b>7.3%</b>	<b>6.9%</b>			
Other	<b>93.1%</b>	<b>6.9%</b>	<b>0.0%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> : .000* sig.						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTH ADAMS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>496</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>57.6%</b>	Citations per 1000	
	Passing through:	<b>42.4%</b>	18 + residents:	<b>47.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 396)				ITP Stops <sup>3</sup> (N = 135)			
Mean age				Mean age			
<b>35.28</b>				<b>34.44</b>			
Gender %				Gender %			
Female <b>36.8%</b>				Female <b>40.3%</b>			
Male <b>62.9%</b>				Male <b>59.0%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.7%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>3.7%</b>			
AA/Black <b>9.4%</b>				AA/Black <b>10.8%</b>			
Hispanic <b>1.6%</b>				Hispanic <b>1.5%</b>			
White <b>88.8%</b>				White <b>86.9%</b>			
Other <b>0.3%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>9.4%</b>	<b>1.7%</b>	<b>7.7%</b>	AA/Black	<b>9.4%</b>	<b>14.4%</b> <b>-5.0%</b>
Hispanic	<b>1.6%</b>	<b>6.6%</b>	<b>-5.0%</b>	Hispanic	<b>1.6%</b>	<b>14.5%</b> <b>-12.9%</b>
White	<b>88.8%</b>	<b>86.0%</b>	<b>2.8%</b>	White	<b>88.8%</b>	<b>66.4%</b> <b>22.4%</b>
Other	<b>0.3%</b>	<b>6.9%</b>	<b>-6.6%</b>	Other	<b>0.3%</b>	<b>4.6%</b> <b>-4.3%</b>

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	39	<b>8.8%</b>	<b>15.0%</b>	NW	16	<b>16.7%</b>	<b>12.5%</b>
White	282	<b>91.2%</b>	<b>85.0%</b>	White	98	<b>83.3%</b>	<b>87.5%</b>
Chi-square, X-tab <sup>6</sup> : .088 not sig.				Chi-square, X-tab <sup>6</sup> : .537 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .523 not sig.				Odds ratio Exp(B) <sup>7</sup> : .794 not sig.			

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>26.2%</b>	<b>9.5%</b>	<b>57.1%</b>	<b>7.1%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>45.0%</b>	<b>13.0%</b>	<b>33.7%</b>	<b>8.3%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .109 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NORTH ANDOVER POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>508</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>26.8%</b>	Citations per 1000			
	Passing through:		<b>73.2%</b>	18 + residents:		<b>21.5</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 478)</b>			<b>ITP Stops<sup>3</sup> (N = 112)</b>				
Mean age			Mean age				
<b>35.95</b>			<b>35.21</b>				
Gender %			Gender %				
Female <b>32.6%</b>			Female <b>23.6%</b>				
Male <b>67.4%</b>			Male <b>76.4%</b>				
Non-binary <b>0.0%</b>			Non-binary <b>0.0%</b>				
Race %		Mis/Unk <sup>4</sup>	Race %		Mis/Unk <sup>4</sup>		
AA/Black		<b>5.7%</b>	AA/Black		<b>6.3%</b>		
Hispanic		<b>26.1%</b>	Hispanic		<b>6.7%</b>		
White		<b>64.7%</b>	White		<b>21.0%</b>		
Other		<b>3.5%</b>	Other		<b>70.5%</b>		
					<b>1.9%</b>		
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		% Dif	
AA/Black	<b>5.7%</b>	<b>3.6%</b>	<b>2.1%</b>	AA/Black	<b>5.7%</b>	<b>-8.7%</b>	
Hispanic	<b>26.1%</b>	<b>7.6%</b>	<b>18.5%</b>	Hispanic	<b>26.1%</b>	<b>11.6%</b>	
White	<b>64.7%</b>	<b>81.1%</b>	<b>-16.4%</b>	White	<b>64.7%</b>	<b>-1.7%</b>	
Other	<b>3.5%</b>	<b>8.5%</b>	<b>-5.0%</b>	Other	<b>3.5%</b>	<b>-1.1%</b>	
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	148	<b>36.4%</b>	<b>31.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	269	<b>63.6%</b>	<b>68.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.424	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.212	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>53.6%</b>	<b>25.0%</b>	<b>21.4%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>55.6%</b>	<b>21.8%</b>	<b>14.5%</b>	<b>8.1%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>57.6%</b>	<b>23.4%</b>	<b>14.2%</b>	<b>4.7%</b>			
Other	<b>56.3%</b>	<b>25.0%</b>	<b>12.5%</b>	<b>6.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.861	not sig.				
<sup>8</sup> 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 <sup>1</sup> : <b>769</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.4%</b>	Citations per 1000	
	Passing through:	<b>67.6%</b>	18 + residents:	<b>34.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 488)				ITP Stops <sup>3</sup> (N = 162)			
Mean age				Mean age			
<b>35.28</b>				<b>35.97</b>			
Gender %				Gender %			
Female <b>37.5%</b>				Female <b>31.5%</b>			
Male <b>62.1%</b>				Male <b>67.9%</b>			
Non-binary <b>0.4%</b>				Non-binary <b>0.6%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.5%</b>				Race % Mis/Unk <sup>4</sup> <b>3.1%</b>			
AA/Black <b>13.9%</b>				AA/Black <b>15.9%</b>			
Hispanic <b>11.5%</b>				Hispanic <b>10.8%</b>			
White <b>72.7%</b>				White <b>71.3%</b>			
Other <b>2.0%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.9%</b>	<b>2.0%</b>	<b>11.9%</b>	AA/Black	<b>13.9%</b>	<b>14.4%</b>	<b>-0.5%</b>
Hispanic	<b>11.5%</b>	<b>5.6%</b>	<b>5.9%</b>	Hispanic	<b>11.5%</b>	<b>14.5%</b>	<b>-3.0%</b>
White	<b>72.7%</b>	<b>84.2%</b>	<b>-11.5%</b>	White	<b>72.7%</b>	<b>66.4%</b>	<b>6.3%</b>
Other	<b>2.0%</b>	<b>9.1%</b>	<b>-7.1%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	117	<b>24.0%</b>	<b>32.7%</b>	NW	37	<b>29.0%</b>	<b>20.5%</b>
White	296	<b>76.0%</b>	<b>67.3%</b>	White	102	<b>71.0%</b>	<b>79.5%</b>
Chi-square, X-tab <sup>6</sup> : .051 not sig.				Chi-square, X-tab <sup>6</sup> : .309 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .620* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.785 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>34.8%</b>	<b>27.0%</b>	<b>34.8%</b>	<b>3.4%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>29.3%</b>	<b>25.3%</b>	<b>38.7%</b>	<b>6.7%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>32.7%</b>	<b>32.9%</b>	<b>26.9%</b>	<b>7.6%</b>			
Other	<b>50.0%</b>	<b>21.4%</b>	<b>28.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .265 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTH READING POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>213</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>26.2%</b>	Citations per 1000			
	Passing through:		<b>73.8%</b>	18 + residents: <b>17.2</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 172)</b>			<b>ITP Stops<sup>3</sup> (N = N/A)</b>				
Mean age			Mean age				
<b>38.94</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>32.2%</b>			Female <b>N/A</b>				
Male <b>67.8%</b>			Male <b>N/A</b>				
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>				
Race %		Mis/Unk <sup>4</sup>	<b>2.9%</b>	Race %		Mis/Unk <sup>4</sup>	<b>N/A</b>
AA/Black			<b>4.8%</b>	AA/Black			<b>N/A</b>
Hispanic			<b>13.8%</b>	Hispanic			<b>N/A</b>
White			<b>79.6%</b>	White			<b>N/A</b>
Other			<b>1.8%</b>	Other			<b>N/A</b>
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.8%</b>	<b>1.3%</b>	<b>N/A</b>	AA/Black	<b>4.8%</b>	<b>14.4%</b>	<b>-9.6%</b>
Hispanic	<b>13.8%</b>	<b>2.0%</b>	<b>N/A</b>	Hispanic	<b>13.8%</b>	<b>14.5%</b>	<b>-0.7%</b>
White	<b>79.6%</b>	<b>89.3%</b>	<b>N/A</b>	White	<b>79.6%</b>	<b>66.4%</b>	<b>13.2%</b>
Other	<b>1.8%</b>	<b>7.0%</b>	<b>N/A</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	31	<b>20.0%</b>	<b>23.1%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	120	<b>80.0%</b>	<b>76.9%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.724	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.965	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>45.5%</b>	<b>9.1%</b>	<b>45.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>16.0%</b>	<b>32.0%</b>	<b>52.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>50.6%</b>	<b>11.3%</b>	<b>29.2%</b>	<b>8.9%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.005*	sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTHAMPTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,494</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.5%</b>	Citations per 1000	
	Passing through:	<b>73.5%</b>	18 + residents:	<b>62.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,359)				ITP Stops <sup>3</sup> (N = 441)			
Mean age				Mean age			
<b>37.96</b>				<b>37.58</b>			
Gender %				Gender %			
Female <b>45.1%</b>				Female <b>48.2%</b>			
Male <b>54.9%</b>				Male <b>51.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>6.2%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>1.9%</b>				Hispanic <b>2.3%</b>			
White <b>90.7%</b>				White <b>90.5%</b>			
Other <b>1.2%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.2%</b>	<b>2.2%</b>	<b>4.0%</b>	AA/Black	<b>6.2%</b>	<b>14.4%</b>	<b>-8.2%</b>
Hispanic	<b>1.9%</b>	<b>8.7%</b>	<b>-6.8%</b>	Hispanic	<b>1.9%</b>	<b>14.5%</b>	<b>-12.6%</b>
White	<b>90.7%</b>	<b>82.2%</b>	<b>8.5%</b>	White	<b>90.7%</b>	<b>66.4%</b>	<b>24.3%</b>
Other	<b>1.2%</b>	<b>7.7%</b>	<b>-6.5%</b>	Other	<b>1.2%</b>	<b>4.6%</b>	<b>-3.4%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	115	<b>7.4%</b>	<b>11.4%</b>	NW	33	<b>8.7%</b>	<b>8.2%</b>
White	1,146	<b>92.6%</b>	<b>88.6%</b>	White	354	<b>91.3%</b>	<b>91.8%</b>
Chi-square, X-tab <sup>6</sup> :		.015*	sig.	Chi-square, X-tab <sup>6</sup> :		.866	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.607*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.860	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>46.2%</b>	<b>16.5%</b>	<b>25.3%</b>	<b>12.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>43.3%</b>	<b>10.0%</b>	<b>43.3%</b>	<b>3.3%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>69.4%</b>	<b>14.0%</b>	<b>12.2%</b>	<b>4.3%</b>			
Other	<b>66.7%</b>	<b>19.0%</b>	<b>9.5%</b>	<b>4.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTHBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,295</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.7%</b>	Citations per 1000	
	Passing through:	<b>78.3%</b>	18 + residents:	<b>285.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,152)				ITP Stops <sup>3</sup> (N = 1,118)			
Mean age				Mean age			
<b>38.73</b>				<b>38.89</b>			
Gender %				Gender %			
Female		<b>42.6%</b>		Female		<b>41.3%</b>	
Male		<b>57.4%</b>		Male		<b>58.7%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race % Mis/Unk <sup>4</sup> <b>0.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black		<b>8.5%</b>		AA/Black		<b>8.9%</b>	
Hispanic		<b>10.8%</b>		Hispanic		<b>10.2%</b>	
White		<b>68.8%</b>		White		<b>66.6%</b>	
Other		<b>11.9%</b>		Other		<b>14.3%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.5%</b>	<b>3.2%</b>	<b>5.3%</b>	AA/Black	<b>8.5%</b>	<b>14.4%</b>	<b>-5.9%</b>
Hispanic	<b>10.8%</b>	<b>2.7%</b>	<b>8.1%</b>	Hispanic	<b>10.8%</b>	<b>14.5%</b>	<b>-3.7%</b>
White	<b>68.8%</b>	<b>82.7%</b>	<b>-13.9%</b>	White	<b>68.8%</b>	<b>66.4%</b>	<b>2.4%</b>
Other	<b>11.9%</b>	<b>11.6%</b>	<b>0.3%</b>	Other	<b>11.9%</b>	<b>4.6%</b>	<b>7.3%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	940	<b>27.3%</b>	<b>42.9%</b>	NW	335	<b>33.6%</b>	<b>32.3%</b>
White	2,089	<b>72.7%</b>	<b>57.1%</b>	White	674	<b>66.4%</b>	<b>67.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.700	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.472*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.897	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.6%</b>	<b>15.4%</b>	<b>7.9%</b>	<b>1.1%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>67.0%</b>	<b>17.6%</b>	<b>12.6%</b>	<b>2.7%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>81.1%</b>	<b>14.6%</b>	<b>3.2%</b>	<b>1.1%</b>			
Other	<b>83.5%</b>	<b>14.1%</b>	<b>2.1%</b>	<b>0.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTHBRIDGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>939</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.1%</b>	Citations per 1000	
	Passing through:	<b>84.9%</b>	18 + residents:	<b>72.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 897)				ITP Stops <sup>3</sup> (N = 462)			
Mean age				Mean age			
<b>36.23</b>				<b>35.73</b>			
Gender %				Gender %			
Female <b>36.4%</b>				Female <b>33.8%</b>			
Male <b>63.6%</b>				Male <b>66.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>5.0%</b>				AA/Black <b>4.7%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>8.4%</b>			
White <b>85.7%</b>				White <b>84.7%</b>			
Other <b>1.8%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.0%</b>	<b>2.0%</b>	<b>3.0%</b>	AA/Black	<b>5.0%</b>	<b>14.4%</b>	<b>-9.4%</b>
Hispanic	<b>7.5%</b>	<b>6.2%</b>	<b>1.3%</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>85.7%</b>	<b>87.4%</b>	<b>-1.7%</b>	White	<b>85.7%</b>	<b>66.4%</b>	<b>19.3%</b>
Other	<b>1.8%</b>	<b>5.3%</b>	<b>-3.5%</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	109	<b>11.7%</b>	<b>15.6%</b>	NW	53	<b>13.6%</b>	<b>12.2%</b>
White	723	<b>88.3%</b>	<b>84.4%</b>	White	351	<b>86.4%</b>	<b>87.8%</b>
Chi-square, X-tab <sup>6</sup> : .114 not sig.				Chi-square, X-tab <sup>6</sup> : .709 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .620* sig.				Odds ratio Exp(B) <sup>7</sup> : .829 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.3%</b>	<b>2.2%</b>	<b>10.9%</b>	<b>8.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>74.2%</b>	<b>4.5%</b>	<b>13.6%</b>	<b>7.6%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>83.4%</b>	<b>3.5%</b>	<b>7.5%</b>	<b>5.6%</b>			
Other	<b>81.3%</b>	<b>0.0%</b>	<b>12.5%</b>	<b>6.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .688 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTHFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>395</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>9.0%</b>	Citations per 1000		
	Passing through:		<b>91.0%</b>	18 + residents: <b>N/A</b>		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 389)</b>				<b>ITP Stops<sup>3</sup> (N = 124)</b>		
Mean age				Mean age		
<b>39.69</b>				<b>38.6</b>		
Gender %				Gender %		
Female		<b>28.9%</b>		Female		<b>25.8%</b>
Male		<b>71.1%</b>		Male		<b>74.2%</b>
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>
Race %		Mis/Unk <sup>4</sup> <b>1.3%</b>		Race %		Mis/Unk <sup>4</sup> <b>2.4%</b>
AA/Black		<b>2.9%</b>		AA/Black		<b>5.0%</b>
Hispanic		<b>1.6%</b>		Hispanic		<b>1.7%</b>
White		<b>93.8%</b>		White		<b>93.4%</b>
Other		<b>1.8%</b>		Other		<b>0.0%</b>
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	<b>2.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.9%</b>	<b>14.4%</b> <b>-11.5%</b>
Hispanic	<b>1.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>1.6%</b>	<b>14.5%</b> <b>-12.9%</b>
White	<b>93.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>93.8%</b>	<b>66.4%</b> <b>27.4%</b>
Other	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.8%</b>	<b>4.6%</b> <b>-2.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b> <b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b> <b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>90.9%</b>	<b>0.0%</b>	<b>9.1%</b>	<b>0.0%</b>	NW	<b>0</b> <b>N/A</b>
Hispanic	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b> <b>N/A</b>
White	<b>72.9%</b>	<b>20.5%</b>	<b>6.3%</b>	<b>0.3%</b>		
Other	<b>87.5%</b>	<b>12.5%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .602 not sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>672</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.7%</b>	Citations per 1000	
	Passing through:	<b>65.3%</b>	18 + residents:	<b>40.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 619)				ITP Stops <sup>3</sup> (N = 237)			
Mean age				Mean age			
<b>37.69</b>				<b>37.66</b>			
Gender %				Gender %			
Female <b>39.8%</b>				Female <b>33.9%</b>			
Male <b>60.2%</b>				Male <b>66.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.4%</b>				Race % Mis/Unk <sup>4</sup> <b>4.6%</b>			
AA/Black <b>5.6%</b>				AA/Black <b>6.6%</b>			
Hispanic <b>3.0%</b>				Hispanic <b>4.4%</b>			
White <b>89.4%</b>				White <b>87.6%</b>			
Other <b>2.0%</b>				Other <b>1.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>4.1%</b>	<b>1.5%</b>	AA/Black	<b>5.6%</b>	<b>14.4%</b>	<b>-8.8%</b>
Hispanic	<b>3.0%</b>	<b>2.7%</b>	<b>0.3%</b>	Hispanic	<b>3.0%</b>	<b>14.5%</b>	<b>-11.5%</b>
White	<b>89.4%</b>	<b>90.3%</b>	<b>-0.9%</b>	White	<b>89.4%</b>	<b>66.4%</b>	<b>23.0%</b>
Other	<b>2.0%</b>	<b>3.0%</b>	<b>-1.0%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	<b>10.4%</b>	<b>12.8%</b>	NW	28	<b>13.8%</b>	<b>12.5%</b>
White	485	<b>89.6%</b>	<b>87.2%</b>	White	181	<b>86.2%</b>	<b>87.5%</b>
Chi-square, X-tab <sup>6</sup> :		.416	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.800	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.793	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.241	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.5%</b>	<b>7.5%</b>	<b>7.5%</b>	<b>2.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>57.1%</b>	<b>14.3%</b>	<b>14.3%</b>	<b>14.3%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>84.0%</b>	<b>7.9%</b>	<b>6.8%</b>	<b>1.2%</b>			
Other	<b>92.3%</b>	<b>7.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.002*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORWELL POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>286</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>27.8%</b>	Citations per 1000 18 + residents: <b>35.3</b>			
	Passing through:		<b>72.2%</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 266)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>39.38</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>50.8%</b>		Female		<b>N/A</b>	
Male		<b>49.2%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>1.9%</b>				<b>N/A</b>	
AA/Black		<b>2.7%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>4.6%</b>		Hispanic		<b>N/A</b>	
White		<b>90.4%</b>		White		<b>N/A</b>	
Other		<b>2.3%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.7%</b>	<b>0.3%</b>	<b>N/A</b>	AA/Black	<b>2.7%</b>	<b>14.4%</b>	<b>-11.7%</b>
Hispanic	<b>4.6%</b>	<b>2.3%</b>	<b>N/A</b>	Hispanic	<b>4.6%</b>	<b>14.5%</b>	<b>-9.9%</b>
White	<b>90.4%</b>	<b>94.5%</b>	<b>N/A</b>	White	<b>90.4%</b>	<b>66.4%</b>	<b>24.0%</b>
Other	<b>2.3%</b>	<b>2.7%</b>	<b>N/A</b>	Other	<b>2.3%</b>	<b>4.6%</b>	<b>-2.3%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	<b>9.4%</b>	<b>12.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	226	<b>90.6%</b>	<b>87.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.514	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.606	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.1%</b>	<b>14.3%</b>	<b>28.6%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>69.2%</b>	<b>0.0%</b>	<b>30.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>83.5%</b>	<b>4.3%</b>	<b>10.6%</b>	<b>1.6%</b>			
Other	<b>83.3%</b>	<b>16.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.219	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORWOOD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,409</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.2%</b>	Citations per 1000	
	Passing through:	<b>62.8%</b>	18 + residents:	<b>59.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,279)				ITP Stops <sup>3</sup> (N = 552)			
Mean age				Mean age			
<b>41.62</b>				<b>41.28</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>38.9%</b>			
Male <b>63.2%</b>				Male <b>61.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>14.9%</b>				AA/Black <b>16.0%</b>			
Hispanic <b>10.7%</b>				Hispanic <b>9.0%</b>			
White <b>67.1%</b>				White <b>66.4%</b>			
Other <b>7.4%</b>				Other <b>8.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.9%</b>	<b>7.2%</b>	<b>7.7%</b>	AA/Black	<b>14.9%</b>	<b>14.4%</b>	<b>0.5%</b>
Hispanic	<b>10.7%</b>	<b>6.8%</b>	<b>3.9%</b>	Hispanic	<b>10.7%</b>	<b>14.5%</b>	<b>-3.8%</b>
White	<b>67.1%</b>	<b>80.4%</b>	<b>-13.3%</b>	White	<b>67.1%</b>	<b>66.4%</b>	<b>0.7%</b>
Other	<b>7.4%</b>	<b>7.1%</b>	<b>0.3%</b>	Other	<b>7.4%</b>	<b>4.6%</b>	<b>2.8%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	390	<b>29.0%</b>	<b>37.8%</b>	NW	160	<b>32.5%</b>	<b>33.5%</b>
White	807	<b>71.0%</b>	<b>62.2%</b>	White	324	<b>67.5%</b>	<b>66.5%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .830 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .640* sig.				Odds ratio Exp(B) <sup>7</sup> : .598 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.9%</b>	<b>9.7%</b>	<b>14.0%</b>	<b>1.4%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>10.6%</b>	<b>22.5%</b>	<b>6.9%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>81.7%</b>	<b>8.1%</b>	<b>7.1%</b>	<b>3.1%</b>			
Other	<b>88.8%</b>	<b>7.1%</b>	<b>4.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
OAK BLUFFS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>275</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		<b>31.0%</b>	Citations per 1000					
	Passing through:		<b>69.0%</b>	18 + residents:		<b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes									
<b>All Stops<sup>2</sup> (N = 204)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>					
Mean age				Mean age					
<b>38.43</b>				<b>N/A</b>					
Gender %				Gender %					
Female		<b>32.0%</b>		Female		<b>N/A</b>			
Male		<b>68.0%</b>		Male		<b>N/A</b>			
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>			
Race %		Mis/Unk <sup>4</sup>	<b>5.4%</b>	Race %		Mis/Unk <sup>4</sup>	<b>N/A</b>		
AA/Black		<b>13.5%</b>		AA/Black		<b>N/A</b>			
Hispanic		<b>1.6%</b>		Hispanic		<b>N/A</b>			
White		<b>85.0%</b>		White		<b>N/A</b>			
Other		<b>0.0%</b>		Other		<b>N/A</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
<b>Comparative Analyses</b>									
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		<b>13.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black		<b>13.5%</b>	<b>14.4%</b>	<b>-0.9%</b>
Hispanic		<b>1.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic		<b>1.6%</b>	<b>14.5%</b>	<b>-12.9%</b>
White		<b>85.0%</b>	<b>N/A</b>	<b>N/A</b>	White		<b>85.0%</b>	<b>66.4%</b>	<b>18.6%</b>
Other		<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other		<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
<b>VoD Analyses</b>									
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		26	<b>11.6%</b>	<b>20.0%</b>	NW		N/A	<b>N/A</b>	<b>N/A</b>
White		158	<b>88.4%</b>	<b>80.0%</b>	White		N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.136	<i>not sig.</i>		Chi-square, X-tab <sup>6</sup> :		N/A	<b>N/A</b>	
Odds ratio Exp(B) <sup>7</sup> :		.548	<i>not sig.</i>		Odds ratio Exp(B) <sup>7</sup> :		N/A	<b>N/A</b>	
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
<sup>7</sup> 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.									
<b>Citation Outcomes by Race<sup>8</sup></b>									
		Warning	Civil	Criminal	Arrest	Search?			
AA/Black		<b>54.5%</b>	<b>9.1%</b>	<b>24.2%</b>	<b>12.1%</b>	NW	<b>1</b>	<b>N/A</b>	
Hispanic		<b>25.0%</b>	<b>25.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>8</b>	<b>N/A</b>	
White		<b>39.9%</b>	<b>14.3%</b>	<b>29.6%</b>	<b>16.1%</b>				
Other		<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent		
Chi-square, X-tab <sup>6</sup> :		.610	<i>not sig.</i>						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes									

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
OAKHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>510</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>3.8%</b>	Citations per 1000	
	Passing through:	<b>96.2%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 503)				ITP Stops <sup>3</sup> (N = 210)			
Mean age				Mean age			
<b>36.82</b>				<b>36.65</b>			
Gender %				Gender %			
Female <b>38.2%</b>				Female <b>29.2%</b>			
Male <b>61.8%</b>				Male <b>70.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>4.7%</b>				AA/Black <b>3.4%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>9.1%</b>			
White <b>86.8%</b>				White <b>85.1%</b>			
Other <b>1.0%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.7%</b>	<b>14.4%</b>	<b>-9.7%</b>
Hispanic	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>86.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.8%</b>	<b>66.4%</b>	<b>20.4%</b>
Other	<b>1.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.0%</b>	<b>4.6%</b>	<b>-3.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	58	<b>12.4%</b>	<b>13.8%</b>	NW	26	<b>14.4%</b>	<b>13.6%</b>
White	391	<b>87.6%</b>	<b>86.2%</b>	White	159	<b>85.6%</b>	<b>86.4%</b>
Chi-square, X-tab <sup>6</sup> :		.667	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.870	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.892	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.884	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.9%</b>	<b>8.7%</b>	<b>30.4%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>67.6%</b>	<b>13.5%</b>	<b>18.9%</b>	<b>0.0%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>75.6%</b>	<b>13.7%</b>	<b>9.3%</b>	<b>1.4%</b>			
Other	<b>80.0%</b>	<b>20.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.115	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ORANGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>438</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>45.0%</b>	Citations per 1000 18 + residents: <b>71.7</b>			
	Passing through:		<b>55.0%</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 400)</b>				<b>ITP Stops<sup>3</sup> (N = 141)</b>			
Mean age				Mean age			
<b>36.13</b>				<b>38.21</b>			
Gender %				Gender %			
Female		<b>42.0%</b>		Female		<b>41.8%</b>	
Male		<b>58.0%</b>		Male		<b>58.2%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>2.3%</b>				<b>1.4%</b>	
AA/Black		<b>3.3%</b>		AA/Black		<b>2.9%</b>	
Hispanic		<b>1.0%</b>		Hispanic		<b>0.7%</b>	
White		<b>94.9%</b>		White		<b>95.7%</b>	
Other		<b>0.8%</b>		Other		<b>0.7%</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>3.3%</b>	<b>0.6%</b>	<b>2.7%</b>	AA/Black	<b>3.3%</b>	<b>14.4%</b>	<b>-11.1%</b>
Hispanic	<b>1.0%</b>	<b>2.5%</b>	<b>-1.5%</b>	Hispanic	<b>1.0%</b>	<b>14.5%</b>	<b>-13.5%</b>
White	<b>94.9%</b>	<b>94.7%</b>	<b>0.2%</b>	White	<b>94.9%</b>	<b>66.4%</b>	<b>28.5%</b>
Other	<b>0.8%</b>	<b>3.0%</b>	<b>-2.2%</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	18	<b>5.9%</b>	<b>3.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	343	<b>94.1%</b>	<b>96.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		303	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.535	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>38.5%</b>	<b>0.0%</b>	<b>38.5%</b>	<b>23.1%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>38.7%</b>	<b>24.5%</b>	<b>29.2%</b>	<b>7.6%</b>			
Other	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>33.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.102	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ORLEANS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>175</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>18.4%</b>	Citations per 1000 18 + residents: <b>35.6</b>			
	Passing through:		<b>81.6%</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 125)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>40.11</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>31.2%</b>		Female		<b>N/A</b>	
Male		<b>68.8%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup> <b>3.2%</b>		Race %		Mis/Unk <sup>4</sup> <b>N/A</b>	
AA/Black		<b>8.3%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>3.3%</b>		Hispanic		<b>N/A</b>	
White		<b>87.6%</b>		White		<b>N/A</b>	
Other		<b>0.8%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.3%</b>	<b>3.6%</b>	<b>N/A</b>	AA/Black	<b>8.3%</b>	<b>14.4%</b>	<b>-6.1%</b>
Hispanic	<b>3.3%</b>	<b>1.9%</b>	<b>N/A</b>	Hispanic	<b>3.3%</b>	<b>14.5%</b>	<b>-11.2%</b>
White	<b>87.6%</b>	<b>93.4%</b>	<b>N/A</b>	White	<b>87.6%</b>	<b>66.4%</b>	<b>21.2%</b>
Other	<b>0.8%</b>	<b>1.8%</b>	<b>N/A</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	14	<b>15.0%</b>	<b>10.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	94	<b>85.0%</b>	<b>89.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.481	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.421	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.6%</b>	<b>9.1%</b>	<b>9.1%</b>	<b>18.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>0.0%</b>	<b>40.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>51.9%</b>	<b>13.6%</b>	<b>26.0%</b>	<b>8.4%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.292	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
OXFORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>684</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.8%</b>	Citations per 1000	
	Passing through:	<b>82.2%</b>	18 + residents:	<b>62.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 607)				ITP Stops <sup>3</sup> (N = 205)			
Mean age				Mean age			
<b>37.77</b>				<b>36.83</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>30.2%</b>			
Male <b>64.5%</b>				Male <b>69.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.5%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>7.6%</b>				AA/Black <b>5.5%</b>			
Hispanic <b>5.2%</b>				Hispanic <b>5.5%</b>			
White <b>85.0%</b>				White <b>87.1%</b>			
Other <b>2.2%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.6%</b>	<b>2.0%</b>	<b>5.6%</b>	AA/Black	<b>7.6%</b>	<b>14.4%</b>	<b>-6.8%</b>
Hispanic	<b>5.2%</b>	<b>5.6%</b>	<b>-0.4%</b>	Hispanic	<b>5.2%</b>	<b>14.5%</b>	<b>-9.3%</b>
White	<b>85.0%</b>	<b>87.9%</b>	<b>-2.9%</b>	White	<b>85.0%</b>	<b>66.4%</b>	<b>18.6%</b>
Other	<b>2.2%</b>	<b>5.9%</b>	<b>-3.7%</b>	Other	<b>2.2%</b>	<b>4.6%</b>	<b>-2.4%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	75	<b>11.2%</b>	<b>22.8%</b>	NW	25	<b>12.2%</b>	<b>16.0%</b>
White	475	<b>88.8%</b>	<b>77.2%</b>	White	154	<b>87.8%</b>	<b>84.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .465 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .422* sig.				Odds ratio Exp(B) <sup>7</sup> : .346 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.5%</b>	<b>6.5%</b>	<b>30.4%</b>	<b>6.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>52.6%</b>	<b>2.6%</b>	<b>34.2%</b>	<b>10.5%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>65.4%</b>	<b>10.2%</b>	<b>17.4%</b>	<b>7.0%</b>			
Other	<b>87.5%</b>	<b>6.3%</b>	<b>0.0%</b>	<b>6.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .037* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PALMER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>553</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.4%</b>	Citations per 1000	
	Passing through:	<b>78.6%</b>	18 + residents:	<b>55.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 437)				ITP Stops <sup>3</sup> (N = 180)			
Mean age				Mean age			
<b>37.77</b>				<b>38.47</b>			
Gender %				Gender %			
Female <b>35.5%</b>				Female <b>36.5%</b>			
Male <b>64.5%</b>				Male <b>63.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>8.5%</b>				AA/Black <b>7.3%</b>			
Hispanic <b>8.0%</b>				Hispanic <b>10.7%</b>			
White <b>80.8%</b>				White <b>79.2%</b>			
Other <b>2.8%</b>				Other <b>2.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.5%</b>	<b>2.2%</b>	<b>6.3%</b>	AA/Black	<b>8.5%</b>	<b>14.4%</b>	<b>-5.9%</b>
Hispanic	<b>8.0%</b>	<b>4.5%</b>	<b>3.5%</b>	Hispanic	<b>8.0%</b>	<b>14.5%</b>	<b>-6.5%</b>
White	<b>80.8%</b>	<b>87.4%</b>	<b>-6.6%</b>	White	<b>80.8%</b>	<b>66.4%</b>	<b>14.4%</b>
Other	<b>2.8%</b>	<b>7.1%</b>	<b>-4.3%</b>	Other	<b>2.8%</b>	<b>4.6%</b>	<b>-1.8%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	77	<b>15.6%</b>	<b>23.7%</b>	NW	35	<b>15.8%</b>	<b>28.2%</b>
White	305	<b>84.4%</b>	<b>76.3%</b>	White	131	<b>84.2%</b>	<b>71.8%</b>
Chi-square, X-tab <sup>6</sup> : .049* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .053 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .621 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .434 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>12.5%</b>	<b>30.0%</b>	<b>7.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>51.3%</b>	<b>2.6%</b>	<b>28.2%</b>	<b>17.9%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>49.9%</b>	<b>6.0%</b>	<b>27.1%</b>	<b>17.1%</b>			
Other	<b>75.0%</b>	<b>16.7%</b>	<b>8.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .183 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PAXTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,638</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.5%</b>	Citations per 1000	
	Passing through:	<b>91.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,631)				ITP Stops <sup>3</sup> (N = 534)			
Mean age				Mean age			
<b>35.88</b>				<b>35.89</b>			
Gender %				Gender %			
Female <b>43.6%</b>				Female <b>40.3%</b>			
Male <b>56.4%</b>				Male <b>59.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>7.5%</b>				AA/Black <b>4.2%</b>			
Hispanic <b>8.6%</b>				Hispanic <b>8.1%</b>			
White <b>82.2%</b>				White <b>86.2%</b>			
Other <b>1.7%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.5%</b>	<b>14.4%</b>	<b>-6.9%</b>
Hispanic	<b>8.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
White	<b>82.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>82.2%</b>	<b>66.4%</b>	<b>15.8%</b>
Other	<b>1.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.7%</b>	<b>4.6%</b>	<b>-2.9%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	281	<b>14.7%</b>	<b>25.3%</b>	NW	67	<b>14.3%</b>	<b>13.5%</b>
White	1,286	<b>85.3%</b>	<b>74.7%</b>	White	412	<b>85.7%</b>	<b>86.5%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.818	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.487*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.446*	sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.3%</b>	<b>15.8%</b>	<b>9.2%</b>	<b>1.7%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>59.4%</b>	<b>9.4%</b>	<b>29.7%</b>	<b>1.4%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>77.6%</b>	<b>14.4%</b>	<b>7.1%</b>	<b>0.9%</b>			
Other	<b>71.4%</b>	<b>17.9%</b>	<b>10.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PEABODY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,779</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.4%</b>	Citations per 1000	
	Passing through:	<b>65.6%</b>	18 + residents:	<b>40.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,646)				ITP Stops <sup>3</sup> (N = 475)			
Mean age				Mean age			
<b>39.94</b>				<b>37.92</b>			
Gender %				Gender %			
Female <b>39.4%</b>				Female <b>37.5%</b>			
Male <b>60.6%</b>				Male <b>62.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>7.5%</b>				AA/Black <b>5.3%</b>			
Hispanic <b>15.9%</b>				Hispanic <b>17.4%</b>			
White <b>74.1%</b>				White <b>75.3%</b>			
Other <b>2.5%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>3.8%</b>	<b>3.7%</b>	AA/Black	<b>7.5%</b>	<b>14.4%</b>	<b>-6.9%</b>
Hispanic	<b>15.9%</b>	<b>9.9%</b>	<b>6.0%</b>	Hispanic	<b>15.9%</b>	<b>14.5%</b>	<b>1.4%</b>
White	<b>74.1%</b>	<b>82.7%</b>	<b>-8.6%</b>	White	<b>74.1%</b>	<b>66.4%</b>	<b>7.7%</b>
Other	<b>2.5%</b>	<b>4.2%</b>	<b>-1.7%</b>	Other	<b>2.5%</b>	<b>4.6%</b>	<b>-2.1%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	400	<b>24.1%</b>	<b>30.7%</b>	NW	100	<b>17.9%</b>	<b>32.5%</b>
White	1,161	<b>75.9%</b>	<b>69.3%</b>	White	326	<b>82.1%</b>	<b>67.5%</b>
Chi-square, X-tab <sup>6</sup> : .013* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .832 not sig.				Odds ratio Exp(B) <sup>7</sup> : .456 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.4%</b>	<b>21.5%</b>	<b>20.8%</b>	<b>2.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>44.9%</b>	<b>24.6%</b>	<b>26.1%</b>	<b>4.3%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>60.2%</b>	<b>17.1%</b>	<b>18.4%</b>	<b>4.4%</b>			
Other	<b>61.0%</b>	<b>24.4%</b>	<b>12.2%</b>	<b>2.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PEMBROKE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>254</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>29.8%</b>	Citations per 1000			
	Passing through:		<b>70.2%</b>	18 + residents:		<b>17.4</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 226)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>34.67</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>28.6%</b>		Female		<b>N/A</b>	
Male		<b>71.4%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>2.2%</b>				<b>N/A</b>	
AA/Black		<b>4.5%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>2.3%</b>		Hispanic		<b>N/A</b>	
White		<b>93.2%</b>		White		<b>N/A</b>	
Other		<b>0.0%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>4.5%</b>	<b>0.6%</b>	<b>N/A</b>	AA/Black	<b>4.5%</b>	<b>14.4%</b>	<b>-9.9%</b>
Hispanic	<b>2.3%</b>	<b>1.5%</b>	<b>N/A</b>	Hispanic	<b>2.3%</b>	<b>14.5%</b>	<b>-12.2%</b>
White	<b>93.2%</b>	<b>93.5%</b>	<b>N/A</b>	White	<b>93.2%</b>	<b>66.4%</b>	<b>26.8%</b>
Other	<b>0.0%</b>	<b>3.7%</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	14	<b>5.9%</b>	<b>11.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	173	<b>94.1%</b>	<b>88.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.173	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.418	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>33.3%</b>	<b>16.7%</b>	<b>33.3%</b>	<b>16.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>20.0%</b>	<b>40.0%</b>	<b>40.0%</b>	<b>0.0%</b>	White	<b>9</b>	<b>N/A</b>
White	<b>48.3%</b>	<b>24.6%</b>	<b>20.7%</b>	<b>6.5%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.441	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PEPPERELL POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>333</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>27.9%</b>	Citations per 1000			
	Passing through:		<b>72.1%</b>	18 + residents:		<b>34.9</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 301)</b>				<b>ITP Stops<sup>3</sup> (N = 143)</b>			
Mean age				Mean age			
<b>32.89</b>				<b>32.81</b>			
Gender %				Gender %			
Female		<b>29.4%</b>		Female		<b>27.5%</b>	
Male		<b>70.6%</b>		Male		<b>72.5%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>3.0%</b>				<b>4.9%</b>	
AA/Black		<b>4.1%</b>		AA/Black		<b>0.0%</b>	
Hispanic		<b>3.1%</b>		Hispanic		<b>2.9%</b>	
White		<b>91.8%</b>		White		<b>95.6%</b>	
Other		<b>1.0%</b>		Other		<b>1.5%</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>4.1%</b>	<b>0.8%</b>	<b>3.3%</b>	AA/Black	<b>4.1%</b>	<b>14.4%</b>	<b>-10.3%</b>
Hispanic	<b>3.1%</b>	<b>2.0%</b>	<b>1.1%</b>	Hispanic	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>
White	<b>91.8%</b>	<b>93.0%</b>	<b>-1.2%</b>	White	<b>91.8%</b>	<b>66.4%</b>	<b>25.4%</b>
Other	<b>1.0%</b>	<b>4.1%</b>	<b>-3.1%</b>	Other	<b>1.0%</b>	<b>4.6%</b>	<b>-3.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	23	<b>6.8%</b>	<b>11.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	245	<b>93.2%</b>	<b>88.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.195	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.556	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.7%</b>	<b>8.3%</b>	<b>25.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>20.0%</b>	<b>10.0%</b>	<b>60.0%</b>	<b>10.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>69.4%</b>	<b>6.4%</b>	<b>20.5%</b>	<b>3.7%</b>			
Other	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.120	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PETERSHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>183</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>7.9%</b>	Citations per 1000			
	Passing through:		<b>92.1%</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 178)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>41.77</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>40.4%</b>		Female		<b>N/A</b>	
Male		<b>59.6%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>0.0%</b>				<b>N/A</b>	
AA/Black		<b>3.4%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>1.1%</b>		Hispanic		<b>N/A</b>	
White		<b>94.9%</b>		White		<b>N/A</b>	
Other		<b>0.6%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.4%</b>	<b>14.4%</b>	<b>-11.0%</b>
Hispanic	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>1.1%</b>	<b>14.5%</b>	<b>-13.4%</b>
White	<b>94.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>94.9%</b>	<b>66.4%</b>	<b>28.5%</b>
Other	<b>0.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.6%</b>	<b>4.6%</b>	<b>-4.0%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>83.3%</b>	<b>16.7%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>67.6%</b>	<b>28.9%</b>	<b>3.5%</b>	<b>0.0%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.359 not sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PHILLIPSTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>132</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>23.4%</b>	Citations per 1000			
	Passing through:		<b>76.6%</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 124)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>36.16</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>37.9%</b>		Female		<b>N/A</b>	
Male		<b>62.1%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>4.0%</b>				<b>N/A</b>	
AA/Black		<b>2.5%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>0.8%</b>		Hispanic		<b>N/A</b>	
White		<b>96.6%</b>		White		<b>N/A</b>	
Other		<b>0.0%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>2.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.5%</b>	<b>14.4%</b>	<b>-11.9%</b>
Hispanic	<b>0.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.8%</b>	<b>14.5%</b>	<b>-13.7%</b>
White	<b>96.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>96.6%</b>	<b>66.4%</b>	<b>30.2%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>33.3%</b>	<b>33.3%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>68.3%</b>	<b>11.4%</b>	<b>20.3%</b>	<b>0.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .064 not sig.							
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PITTSFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,711</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>62.0%</b>	Citations per 1000	
	Passing through:	<b>38.0%</b>	18 + residents:	<b>78.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,501)				ITP Stops <sup>3</sup> (N = 842)			
Mean age				Mean age			
<b>39.78</b>				<b>37.97</b>			
Gender %				Gender %			
Female <b>40.3%</b>				Female <b>39.3%</b>			
Male <b>59.7%</b>				Male <b>60.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>2.7%</b>			
AA/Black <b>13.3%</b>				AA/Black <b>13.4%</b>			
Hispanic <b>3.4%</b>				Hispanic <b>2.3%</b>			
White <b>82.7%</b>				White <b>83.6%</b>			
Other <b>0.5%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.3%</b>	<b>4.5%</b>	<b>8.8%</b>	AA/Black	<b>13.3%</b>	<b>14.4%</b>	<b>-1.1%</b>
Hispanic	<b>3.4%</b>	<b>6.8%</b>	<b>-3.4%</b>	Hispanic	<b>3.4%</b>	<b>14.5%</b>	<b>-11.1%</b>
White	<b>82.7%</b>	<b>83.3%</b>	<b>-0.6%</b>	White	<b>82.7%</b>	<b>66.4%</b>	<b>16.3%</b>
Other	<b>0.5%</b>	<b>6.5%</b>	<b>-6.0%</b>	Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	374	<b>13.3%</b>	<b>25.2%</b>	NW	124	<b>14.8%</b>	<b>19.2%</b>
White	1,863	<b>86.7%</b>	<b>74.8%</b>	White	624	<b>85.2%</b>	<b>80.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .113 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .365* sig.				Odds ratio Exp(B) <sup>7</sup> : .846 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.6%</b>	<b>16.0%</b>	<b>24.9%</b>	<b>2.4%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>77.2%</b>	<b>9.8%</b>	<b>10.9%</b>	<b>2.2%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>75.4%</b>	<b>14.7%</b>	<b>8.1%</b>	<b>1.9%</b>			
Other	<b>80.0%</b>	<b>6.7%</b>	<b>6.7%</b>	<b>6.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PLAINVILLE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>209</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>17.0%</b>	Citations per 1000			
	Passing through:		<b>83.0%</b>	18 + residents: <b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 188)</b>			<b>ITP Stops<sup>3</sup> (N = N/A)</b>				
Mean age			Mean age				
<b>38.88</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>42.6%</b>			Female <b>N/A</b>				
Male <b>57.4%</b>			Male <b>N/A</b>				
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>			Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>4.4%</b>			AA/Black <b>N/A</b>				
Hispanic <b>6.1%</b>			Hispanic <b>N/A</b>				
White <b>87.8%</b>			White <b>N/A</b>				
Other <b>1.7%</b>			Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.4%</b>	<b>4.8%</b>	<b>N/A</b>	AA/Black	<b>4.4%</b>	<b>14.4%</b>	<b>-10.0%</b>
Hispanic	<b>6.1%</b>	<b>4.5%</b>	<b>N/A</b>	Hispanic	<b>6.1%</b>	<b>14.5%</b>	<b>-8.4%</b>
White	<b>87.8%</b>	<b>87.9%</b>	<b>N/A</b>	White	<b>87.8%</b>	<b>66.4%</b>	<b>21.4%</b>
Other	<b>1.7%</b>	<b>4.9%</b>	<b>N/A</b>	Other	<b>1.7%</b>	<b>4.6%</b>	<b>-2.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	<b>14.0%</b>	<b>10.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	151	<b>86.0%</b>	<b>89.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.513	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.581	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.6%</b>	<b>22.2%</b>	<b>22.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>16.7%</b>	<b>8.3%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>63.4%</b>	<b>23.4%</b>	<b>10.3%</b>	<b>2.9%</b>			
Other	<b>25.0%</b>	<b>50.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.804	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PLYMOUTH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,930</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>57.0%</b>	Citations per 1000	
	Passing through:	<b>43.0%</b>	18 + residents:	<b>58.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,754)				ITP Stops <sup>3</sup> (N = 1,215)			
Mean age				Mean age			
<b>37.65</b>				<b>38.67</b>			
Gender %				Gender %			
Female <b>41.3%</b>				Female <b>39.5%</b>			
Male <b>58.6%</b>				Male <b>60.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>3.4%</b>			
AA/Black <b>6.6%</b>				AA/Black <b>5.5%</b>			
Hispanic <b>0.6%</b>				Hispanic <b>0.8%</b>			
White <b>92.2%</b>				White <b>93.0%</b>			
Other <b>0.5%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.6%</b>	<b>1.9%</b>	<b>4.7%</b>	AA/Black	<b>6.6%</b>	<b>14.4%</b>	<b>-7.8%</b>
Hispanic	<b>0.6%</b>	<b>2.4%</b>	<b>-1.8%</b>	Hispanic	<b>0.6%</b>	<b>14.5%</b>	<b>-13.9%</b>
White	<b>92.2%</b>	<b>91.6%</b>	<b>0.6%</b>	White	<b>92.2%</b>	<b>66.4%</b>	<b>25.8%</b>
Other	<b>0.5%</b>	<b>3.8%</b>	<b>-3.3%</b>	Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	165	<b>6.6%</b>	<b>7.8%</b>	NW	68	<b>7.1%</b>	<b>5.8%</b>
White	2,144	<b>93.4%</b>	<b>92.2%</b>	White	964	<b>92.9%</b>	<b>94.2%</b>
Chi-square, X-tab <sup>6</sup> : .235 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .396 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .797 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.119 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.4%</b>	<b>17.8%</b>	<b>16.8%</b>	<b>2.1%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>41.2%</b>	<b>47.1%</b>	<b>11.8%</b>	<b>0.0%</b>	White	<b>34</b>	<b>N/A</b>
White	<b>80.5%</b>	<b>11.2%</b>	<b>8.0%</b>	<b>0.3%</b>			
Other	<b>78.6%</b>	<b>21.4%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PLYMPTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>125</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>7.8%</b>	Citations per 1000			
	Passing through:		<b>92.2%</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 102)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>32.53</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>34.7%</b>		Female		<b>N/A</b>	
Male		<b>64.4%</b>		Male		<b>N/A</b>	
Non-binary		<b>1.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>3.9%</b>				<b>N/A</b>	
AA/Black		<b>7.1%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>3.1%</b>		Hispanic		<b>N/A</b>	
White		<b>89.8%</b>		White		<b>N/A</b>	
Other		<b>0.0%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>7.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.1%</b>	<b>14.4%</b>	<b>-7.3%</b>
Hispanic	<b>3.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>
White	<b>89.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.8%</b>	<b>66.4%</b>	<b>23.4%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.5%</b>	<b>37.5%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>45.9%</b>	<b>32.1%</b>	<b>19.3%</b>	<b>2.8%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.572		not sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT PRINCETON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>431</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.4%</b>	Citations per 1000	
	Passing through:	<b>89.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 413)				ITP Stops <sup>3</sup> (N = 199)			
Mean age				Mean age			
<b>37.15</b>				<b>36.57</b>			
Gender %				Gender %			
Female		<b>32.8%</b>		Female		<b>32.7%</b>	
Male		<b>67.0%</b>		Male		<b>67.3%</b>	
Non-binary		<b>0.2%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>4.1%</b>				<b>4.0%</b>	
AA/Black		<b>5.6%</b>		AA/Black		<b>5.8%</b>	
Hispanic		<b>2.8%</b>		Hispanic		<b>3.7%</b>	
White		<b>89.6%</b>		White		<b>88.5%</b>	
Other		<b>2.0%</b>		Other		<b>2.1%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.6%</b>	<b>14.4%</b>	<b>-8.8%</b>
Hispanic	<b>2.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>2.8%</b>	<b>14.5%</b>	<b>-11.7%</b>
White	<b>89.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.6%</b>	<b>66.4%</b>	<b>23.2%</b>
Other	<b>2.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

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

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>7.7%</b>	<b>13.2%</b>	NW	19	<b>10.7%</b>	<b>11.8%</b>
White	328	<b>92.3%</b>	<b>86.8%</b>	White	149	<b>89.3%</b>	<b>88.2%</b>
Chi-square, X-tab <sup>6</sup> :		.090	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.813	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.529	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.775	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.9%</b>	<b>17.4%</b>	<b>21.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>64.3%</b>	<b>21.4%</b>	<b>14.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>76.6%</b>	<b>18.3%</b>	<b>3.5%</b>	<b>1.6%</b>			
Other	<b>55.6%</b>	<b>33.3%</b>	<b>11.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.015*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PROVINCETOWN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>329</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>22.2%</b>	Citations per 1000			
	Passing through:		<b>77.8%</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 307)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>43.25</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>27.4%</b>		Female		<b>N/A</b>	
Male		<b>72.6%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>3.3%</b>				<b>N/A</b>	
AA/Black		<b>13.8%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>2.7%</b>		Hispanic		<b>N/A</b>	
White		<b>81.8%</b>		White		<b>N/A</b>	
Other		<b>2.4%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>13.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>13.8%</b>	<b>14.4%</b>	<b>-0.6%</b>
Hispanic	<b>2.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>2.7%</b>	<b>14.5%</b>	<b>-11.8%</b>
White	<b>81.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>81.8%</b>	<b>66.4%</b>	<b>15.4%</b>
Other	<b>2.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	53	<b>14.7%</b>	<b>26.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	221	<b>85.3%</b>	<b>73.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.013*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.461*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>46.5%</b>	<b>23.3%</b>	<b>20.9%</b>	<b>9.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>22.2%</b>	<b>33.3%</b>	<b>33.3%</b>	<b>11.1%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>45.6%</b>	<b>22.4%</b>	<b>20.8%</b>	<b>11.2%</b>			
Other	<b>85.7%</b>	<b>14.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.612	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
QUINCY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,149</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.9%</b>	Citations per 1000	
	Passing through:	<b>59.1%</b>	18 + residents:	<b>39</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,891)				ITP Stops <sup>3</sup> (N = 1,123)			
Mean age				Mean age			
<b>39.97</b>				<b>39.38</b>			
Gender %				Gender %			
Female <b>37.6%</b>				Female <b>36.8%</b>			
Male <b>62.4%</b>				Male <b>63.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>15.9%</b>				AA/Black <b>16.5%</b>			
Hispanic <b>5.1%</b>				Hispanic <b>4.2%</b>			
White <b>60.9%</b>				White <b>61.1%</b>			
Other <b>18.1%</b>				Other <b>18.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.9%</b>	<b>5.1%</b>	<b>10.8%</b>	AA/Black	<b>15.9%</b>	<b>14.4%</b>	<b>1.5%</b>
Hispanic	<b>5.1%</b>	<b>3.1%</b>	<b>2.0%</b>	Hispanic	<b>5.1%</b>	<b>14.5%</b>	<b>-9.4%</b>
White	<b>60.9%</b>	<b>59.0%</b>	<b>1.9%</b>	White	<b>60.9%</b>	<b>66.4%</b>	<b>-5.5%</b>
Other	<b>18.1%</b>	<b>32.6%</b>	<b>-14.5%</b>	Other	<b>18.1%</b>	<b>4.6%</b>	<b>13.5%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	967	<b>38.5%</b>	<b>36.7%</b>	NW	387	<b>41.2%</b>	<b>33.0%</b>
White	1,571	<b>61.5%</b>	<b>63.3%</b>	White	621	<b>58.8%</b>	<b>67.0%</b>
Chi-square, X-tab <sup>6</sup> : .446 not sig.				Chi-square, X-tab <sup>6</sup> : .011* sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.068 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.406 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.1%</b>	<b>4.8%</b>	<b>11.9%</b>	<b>3.2%</b>	NW	<b>19</b>	<b>N/A</b>
Hispanic	<b>71.0%</b>	<b>3.1%</b>	<b>18.5%</b>	<b>7.4%</b>	White	<b>14</b>	<b>N/A</b>
White	<b>85.8%</b>	<b>3.7%</b>	<b>8.8%</b>	<b>1.7%</b>			
Other	<b>89.3%</b>	<b>5.5%</b>	<b>5.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
RANDOLPH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>971</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.0%</b>	Citations per 1000	
	Passing through:	<b>64.0%</b>	18 + residents:	<b>35.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 873)				ITP Stops <sup>3</sup> (N = 421)			
Mean age				Mean age			
<b>38.67</b>				<b>37.92</b>			
Gender %				Gender %			
Female <b>33.7%</b>				Female <b>31.3%</b>			
Male <b>66.3%</b>				Male <b>68.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.4%</b>				Race % Mis/Unk <sup>4</sup> <b>10.7%</b>			
AA/Black <b>54.5%</b>				AA/Black <b>50.3%</b>			
Hispanic <b>13.2%</b>				Hispanic <b>18.1%</b>			
White <b>25.0%</b>				White <b>24.5%</b>			
Other <b>7.3%</b>				Other <b>7.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>54.5%</b>	<b>44.7%</b>	<b>9.8%</b>	AA/Black	<b>54.5%</b>	<b>14.4%</b>	<b>40.1%</b>
Hispanic	<b>13.2%</b>	<b>8.8%</b>	<b>4.4%</b>	Hispanic	<b>13.2%</b>	<b>14.5%</b>	<b>-1.3%</b>
White	<b>25.0%</b>	<b>29.4%</b>	<b>-4.4%</b>	White	<b>25.0%</b>	<b>66.4%</b>	<b>-41.4%</b>
Other	<b>7.3%</b>	<b>16.5%</b>	<b>-9.2%</b>	Other	<b>7.3%</b>	<b>4.6%</b>	<b>2.7%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	546	<b>73.3%</b>	<b>78.8%</b>	NW	254	<b>74.5%</b>	<b>77.6%</b>
White	182	<b>26.7%</b>	<b>21.2%</b>	White	82	<b>25.5%</b>	<b>22.4%</b>
Chi-square, X-tab <sup>6</sup> : .116 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .537 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .672 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .831 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.5%</b>	<b>13.9%</b>	<b>16.9%</b>	<b>0.8%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>69.3%</b>	<b>18.4%</b>	<b>12.3%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>76.1%</b>	<b>11.1%</b>	<b>11.9%</b>	<b>0.9%</b>			
Other	<b>73.4%</b>	<b>17.2%</b>	<b>9.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .289 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
RAYNHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>423</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.4%</b>	Citations per 1000	
	Passing through:	<b>86.6%</b>	18 + residents:	<b>37.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 329)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 4.0%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .024* sig.				Chi-square, X-tab <sup>6</sup> : .332 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .507* sig.				Odds ratio Exp(B) <sup>7</sup> : .543 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	24.2%	24.2%	37.4%	14.1%	NW	7
Hispanic	4.2%	33.3%	37.5%	25.0%	White	15
White	19.4%	37.3%	26.1%	17.3%		
Other	0.0%	50.0%	50.0%	0.0%	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .122 not sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
READING POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>734</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.0%</b>	Citations per 1000	
	Passing through:	<b>75.0%</b>	18 + residents:	<b>38.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 661)				ITP Stops <sup>3</sup> (N = 298)			
Mean age				Mean age			
<b>40.52</b>				<b>40.86</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>37.6%</b>			
Male <b>63.9%</b>				Male <b>62.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.3%</b>			
AA/Black <b>7.7%</b>				AA/Black <b>6.1%</b>			
Hispanic <b>6.1%</b>				Hispanic <b>6.1%</b>			
White <b>83.3%</b>				White <b>85.5%</b>			
Other <b>2.9%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.7%</b>	<b>0.4%</b>	<b>7.3%</b>	AA/Black	<b>7.7%</b>	<b>14.4%</b>	<b>-6.7%</b>
Hispanic	<b>6.1%</b>	<b>3.0%</b>	<b>3.1%</b>	Hispanic	<b>6.1%</b>	<b>14.5%</b>	<b>-8.4%</b>
White	<b>83.3%</b>	<b>91.1%</b>	<b>-7.8%</b>	White	<b>83.3%</b>	<b>66.4%</b>	<b>16.9%</b>
Other	<b>2.9%</b>	<b>5.7%</b>	<b>-2.8%</b>	Other	<b>2.9%</b>	<b>4.6%</b>	<b>-1.7%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	103	<b>16.2%</b>	<b>18.6%</b>	NW	39	<b>13.9%</b>	<b>14.8%</b>
White	504	<b>83.8%</b>	<b>81.4%</b>	White	234	<b>86.1%</b>	<b>85.2%</b>
Chi-square, X-tab <sup>6</sup> :		.475	not sig.	Chi-square, X-tab <sup>6</sup> :		.840	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.776	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.300	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>75.4%</b>	<b>5.3%</b>	<b>19.3%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>51.0%</b>	<b>6.1%</b>	<b>32.7%</b>	<b>10.2%</b>	White	<b>2</b>
White	<b>79.0%</b>	<b>3.2%</b>	<b>13.6%</b>	<b>4.2%</b>		
Other	<b>89.5%</b>	<b>0.0%</b>	<b>10.5%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.002	sig.			
					Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
REHOBOTH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>706</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.0%</b>	Citations per 1000	
	Passing through:	<b>80.0%</b>	18 + residents:	<b>72.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 636)				ITP Stops <sup>3</sup> (N = 257)			
Mean age				Mean age			
<b>34.59</b>				<b>34.07</b>			
Gender %				Gender %			
Female		<b>34.1%</b>		Female		<b>32.2%</b>	
Male		<b>65.6%</b>		Male		<b>67.1%</b>	
Non-binary		<b>0.3%</b>		Non-binary		<b>0.8%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>1.6%</b>				<b>1.2%</b>	
AA/Black		<b>14.5%</b>		AA/Black		<b>10.6%</b>	
Hispanic		<b>2.9%</b>		Hispanic		<b>3.1%</b>	
White		<b>81.0%</b>		White		<b>85.0%</b>	
Other		<b>1.6%</b>		Other		<b>1.2%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.5%</b>	<b>0.7%</b>	<b>13.8%</b>	AA/Black	<b>14.5%</b>	<b>14.4%</b>	<b>0.1%</b>
Hispanic	<b>2.9%</b>	<b>2.8%</b>	<b>0.1%</b>	Hispanic	<b>2.9%</b>	<b>14.5%</b>	<b>-11.6%</b>
White	<b>81.0%</b>	<b>92.4%</b>	<b>-11.4%</b>	White	<b>81.0%</b>	<b>66.4%</b>	<b>14.6%</b>
Other	<b>1.6%</b>	<b>4.4%</b>	<b>-2.8%</b>	Other	<b>1.6%</b>	<b>4.6%</b>	<b>-3.0%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	110	<b>16.4%</b>	<b>24.4%</b>	NW	34	<b>13.5%</b>	<b>17.1%</b>
White	462	<b>83.6%</b>	<b>75.6%</b>	White	197	<b>86.5%</b>	<b>82.9%</b>
Chi-square, X-tab <sup>6</sup> :		.021*	sig.	Chi-square, X-tab <sup>6</sup> :		.473	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.671	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.400	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>45.3%</b>	<b>14.7%</b>	<b>36.8%</b>	<b>3.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>21.1%</b>	<b>26.3%</b>	<b>52.6%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>53.8%</b>	<b>21.0%</b>	<b>22.2%</b>	<b>3.0%</b>			
Other	<b>30.0%</b>	<b>30.0%</b>	<b>40.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.007*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
REVERE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,589</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.6%</b>	Citations per 1000	
	Passing through:	<b>65.4%</b>	18 + residents:	<b>37.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,422)				ITP Stops <sup>3</sup> (N = 593)			
Mean age				Mean age			
<b>37.46</b>				<b>36.71</b>			
Gender %				Gender %			
Female <b>28.3%</b>				Female <b>29.2%</b>			
Male <b>71.6%</b>				Male <b>70.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.2%</b>				Race % Mis/Unk <sup>4</sup> <b>6.2%</b>			
AA/Black <b>10.3%</b>				AA/Black <b>9.0%</b>			
Hispanic <b>39.7%</b>				Hispanic <b>44.2%</b>			
White <b>44.6%</b>				White <b>41.0%</b>			
Other <b>5.4%</b>				Other <b>5.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.3%</b>	<b>5.5%</b>	<b>4.8%</b>	AA/Black	<b>10.3%</b>	<b>14.4%</b>	<b>-4.1%</b>
Hispanic	<b>39.7%</b>	<b>33.6%</b>	<b>6.1%</b>	Hispanic	<b>39.7%</b>	<b>14.5%</b>	<b>25.2%</b>
White	<b>44.6%</b>	<b>53.3%</b>	<b>-8.7%</b>	White	<b>44.6%</b>	<b>66.4%</b>	<b>-21.8%</b>
Other	<b>5.4%</b>	<b>10.5%</b>	<b>-5.1%</b>	Other	<b>5.4%</b>	<b>4.6%</b>	<b>0.8%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	672	<b>53.9%</b>	<b>60.8%</b>	NW	301	<b>60.7%</b>	<b>58.7%</b>
White	528	<b>46.1%</b>	<b>39.2%</b>	White	200	<b>39.3%</b>	<b>41.3%</b>
Chi-square, X-tab <sup>6</sup> : .026* sig.				Chi-square, X-tab <sup>6</sup> : .675 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .723* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.247 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.8%</b>	<b>16.4%</b>	<b>26.4%</b>	<b>4.4%</b>	NW	<b>105</b>	<b>N/A</b>
Hispanic	<b>48.2%</b>	<b>18.4%</b>	<b>31.7%</b>	<b>1.7%</b>	White	<b>84</b>	<b>N/A</b>
White	<b>54.3%</b>	<b>21.1%</b>	<b>23.5%</b>	<b>1.1%</b>			
Other	<b>67.6%</b>	<b>23.0%</b>	<b>8.1%</b>	<b>1.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ROCHESTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>439</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		<b>15.8%</b>	Citations per 1000					
	Passing through:		<b>84.2%</b>	18 + residents:		<b>102.5</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes									
<b>All Stops<sup>2</sup> (N = 399)</b>				<b>ITP Stops<sup>3</sup> (N = 134)</b>					
Mean age				Mean age					
<b>34.62</b>				<b>32.77</b>					
Gender %				Gender %					
Female		<b>30.2%</b>		Female		<b>24.6%</b>			
Male		<b>69.8%</b>		Male		<b>75.4%</b>			
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>			
		<b>7.0%</b>				<b>6.0%</b>			
AA/Black		<b>7.0%</b>		AA/Black		<b>8.7%</b>			
Hispanic		<b>3.5%</b>		Hispanic		<b>4.8%</b>			
White		<b>88.9%</b>		White		<b>86.5%</b>			
Other		<b>0.5%</b>		Other		<b>0.0%</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
<b>Comparative Analyses</b>									
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		<b>7.0%</b>	<b>0.6%</b>	<b>6.4%</b>	AA/Black		<b>7.0%</b>	<b>14.4%</b>	<b>-7.4%</b>
Hispanic		<b>3.5%</b>	<b>0.6%</b>	<b>2.9%</b>	Hispanic		<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
White		<b>88.9%</b>	<b>97.4%</b>	<b>-8.5%</b>	White		<b>88.9%</b>	<b>66.4%</b>	<b>22.5%</b>
Other		<b>0.5%</b>	<b>1.1%</b>	<b>-0.6%</b>	Other		<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
<b>VoD Analyses</b>									
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		39	<b>15.5%</b>	<b>6.3%</b>	NW		N/A	<b>N/A</b>	<b>N/A</b>
White		296	<b>84.5%</b>	<b>93.7%</b>	White		N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .009* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A					
Odds ratio Exp(B) <sup>7</sup> : 2.457* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A					
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
<sup>7</sup> 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.									
<b>Citation Outcomes by Race<sup>8</sup></b>									
		Warning	Civil	Criminal	Arrest	NW	Search?		
AA/Black		<b>40.7%</b>	<b>18.5%</b>	<b>37.0%</b>	<b>3.7%</b>	White	<b>0</b>	<b>N/A</b>	
Hispanic		<b>43.8%</b>	<b>12.5%</b>	<b>37.5%</b>	<b>6.3%</b>		<b>1</b>	<b>N/A</b>	
White		<b>48.6%</b>	<b>25.0%</b>	<b>20.6%</b>	<b>5.8%</b>		Counts	Percent	
Other		<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>				
Chi-square, X-tab <sup>6</sup> : .545 not sig.									
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes									

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ROCKLAND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>715</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.9%</b>	Citations per 1000	
	Passing through:	<b>73.1%</b>	18 + residents:	<b>51</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 642)				ITP Stops <sup>3</sup> (N = 275)			
Mean age				Mean age			
<b>36</b>				<b>34.72</b>			
Gender %				Gender %			
Female <b>34.9%</b>				Female <b>36.2%</b>			
Male <b>65.1%</b>				Male <b>63.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.1%</b>				Race % Mis/Unk <sup>4</sup> <b>7.3%</b>			
AA/Black <b>9.5%</b>				AA/Black <b>10.6%</b>			
Hispanic <b>1.1%</b>				Hispanic <b>1.2%</b>			
White <b>88.5%</b>				White <b>87.1%</b>			
Other <b>0.8%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.5%</b>	<b>3.0%</b>	<b>6.5%</b>	AA/Black	<b>9.5%</b>	<b>14.4%</b>	<b>-4.9%</b>
Hispanic	<b>1.1%</b>	<b>3.1%</b>	<b>-2.0%</b>	Hispanic	<b>1.1%</b>	<b>14.5%</b>	<b>-13.4%</b>
White	<b>88.5%</b>	<b>91.5%</b>	<b>-3.0%</b>	White	<b>88.5%</b>	<b>66.4%</b>	<b>22.1%</b>
Other	<b>0.8%</b>	<b>1.6%</b>	<b>-0.8%</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	63	<b>10.8%</b>	<b>12.5%</b>	NW	29	<b>14.3%</b>	<b>11.0%</b>
White	493	<b>89.2%</b>	<b>87.5%</b>	White	193	<b>85.7%</b>	<b>89.0%</b>
Chi-square, X-tab <sup>6</sup> :		.554	not sig.	Chi-square, X-tab <sup>6</sup> :		.480	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.796	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.937	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>66.7%</b>	<b>9.5%</b>	<b>20.6%</b>	<b>3.2%</b>	NW	<b>1</b>	
Hispanic	<b>14.3%</b>	<b>0.0%</b>	<b>57.1%</b>	<b>28.6%</b>	White	<b>6</b>	
White	<b>74.0%</b>	<b>6.6%</b>	<b>15.0%</b>	<b>4.3%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent	
Chi-square, X-tab <sup>6</sup> :		.003*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ROCKPORT POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>235</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population				
	Intown motorist:		<b>40.1%</b>	Citations per 1000				
	Passing through:		<b>59.9%</b>	18 + residents:		<b>37.8</b>		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes								
<b>All Stops<sup>2</sup></b>			<b>(N = 223)</b>			<b>ITP Stops<sup>3</sup></b>	<b>(N = N/A)</b>	
Mean age			<b>48.57</b>			Mean age		<b>N/A</b>
Gender %			Female <b>43.5%</b>			Gender %		<b>N/A</b>
			Male <b>56.1%</b>			Female		<b>N/A</b>
			Non-binary <b>0.4%</b>			Male		<b>N/A</b>
Race % Mis/Unk <sup>4</sup>			AA/Black <b>3.2%</b>			Non-binary		<b>N/A</b>
			Hispanic <b>4.1%</b>			Race % Mis/Unk <sup>4</sup>		<b>N/A</b>
			White <b>91.0%</b>			AA/Black		<b>N/A</b>
			Other <b>1.8%</b>			Hispanic		<b>N/A</b>
						White		<b>N/A</b>
						Other		<b>N/A</b>
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes								
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)								
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)								
<b>Comparative Analyses</b>								
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>				
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif	
AA/Black	<b>3.2%</b>	<b>0.1%</b>	<b>N/A</b>	AA/Black	<b>3.2%</b>	<b>14.4%</b>	<b>-11.2%</b>	
Hispanic	<b>4.1%</b>	<b>0.7%</b>	<b>N/A</b>	Hispanic	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>	
White	<b>91.0%</b>	<b>96.5%</b>	<b>N/A</b>	White	<b>91.0%</b>	<b>66.4%</b>	<b>24.6%</b>	
Other	<b>1.8%</b>	<b>1.2%</b>	<b>N/A</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>	
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments								
<b>VoD Analyses</b>								
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>				
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	
NW	18	<b>7.7%</b>	<b>15.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>	
White	178	<b>92.3%</b>	<b>85.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>	
Chi-square, X-tab <sup>6</sup> :		.153	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A	
Odds ratio Exp(B) <sup>7</sup> :		.490	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone								
<sup>7</sup> 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.								
<b>Citation Outcomes by Race<sup>8</sup></b>								
	Warning	Civil	Criminal	Arrest		Search?		
AA/Black	<b>57.1%</b>	<b>14.3%</b>	<b>28.6%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>	
Hispanic	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>	
White	<b>73.9%</b>	<b>8.1%</b>	<b>16.1%</b>	<b>1.9%</b>				
Other	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent	
Chi-square, X-tab <sup>6</sup> :		.635	<i>not sig.</i>					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes								

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ROWLEY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>418</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>13.2%</b>	Citations per 1000 18 + residents: <b>82.6</b>			
	Passing through:		<b>86.8%</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 402)</b>				<b>ITP Stops<sup>3</sup> (N = 124)</b>			
Mean age				Mean age			
<b>38.31</b>				<b>39.54</b>			
Gender %				Gender %			
Female		<b>35.3%</b>		Female		<b>31.4%</b>	
Male		<b>64.7%</b>		Male		<b>68.6%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>1.0%</b>				<b>0.8%</b>	
AA/Black		<b>1.5%</b>		AA/Black		<b>1.6%</b>	
Hispanic		<b>9.3%</b>		Hispanic		<b>9.8%</b>	
White		<b>88.4%</b>		White		<b>88.6%</b>	
Other		<b>0.8%</b>		Other		<b>0.0%</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>1.5%</b>	<b>1.2%</b>	<b>0.3%</b>	AA/Black	<b>1.5%</b>	<b>14.4%</b>	<b>-12.9%</b>
Hispanic	<b>9.3%</b>	<b>0.8%</b>	<b>8.5%</b>	Hispanic	<b>9.3%</b>	<b>14.5%</b>	<b>-5.2%</b>
White	<b>88.4%</b>	<b>95.4%</b>	<b>-7.0%</b>	White	<b>88.4%</b>	<b>66.4%</b>	<b>22.0%</b>
Other	<b>0.8%</b>	<b>2.7%</b>	<b>-1.9%</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	41	<b>11.3%</b>	<b>9.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	339	<b>88.7%</b>	<b>90.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.639	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.285	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>14.3%</b>	<b>28.6%</b>	<b>28.6%</b>	<b>28.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>18.4%</b>	<b>13.2%</b>	<b>63.2%</b>	<b>5.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>48.4%</b>	<b>30.1%</b>	<b>16.9%</b>	<b>4.6%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000* sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ROYALSTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>125</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>7.8%</b>	Citations per 1000			
	Passing through:		<b>92.2%</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 102)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>32.53</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>34.7%</b>		Female		<b>N/A</b>	
Male		<b>64.4%</b>		Male		<b>N/A</b>	
Non-binary		<b>1.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>3.9%</b>				<b>N/A</b>	
AA/Black		<b>7.1%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>3.1%</b>		Hispanic		<b>N/A</b>	
White		<b>89.8%</b>		White		<b>N/A</b>	
Other		<b>0.0%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>7.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.1%</b>	<b>14.4%</b>	<b>-7.3%</b>
Hispanic	<b>3.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>
White	<b>89.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.8%</b>	<b>66.4%</b>	<b>23.4%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.5%</b>	<b>37.5%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>45.9%</b>	<b>32.1%</b>	<b>19.3%</b>	<b>2.8%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.572		not sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
RUSSELL POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,209</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		<b>7.3%</b>	Citations per 1000					
	Passing through:		<b>92.7%</b>	18 + residents:		<b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes									
<b>All Stops<sup>2</sup> (N = 1,205)</b>			<b>ITP Stops<sup>3</sup> (N = 480)</b>						
Mean age			Mean age						
<b>45.19</b>			<b>42.95</b>						
Gender %			Gender %						
Female <b>45.8%</b>			Female <b>44.9%</b>						
Male <b>54.2%</b>			Male <b>55.1%</b>						
Non-binary <b>0.0%</b>			Non-binary <b>0.0%</b>						
Race % Mis/Unk <sup>4</sup> <b>5.8%</b>			Race % Mis/Unk <sup>4</sup> <b>5.4%</b>						
AA/Black <b>1.3%</b>			AA/Black <b>1.5%</b>						
Hispanic <b>2.6%</b>			Hispanic <b>1.3%</b>						
White <b>95.5%</b>			White <b>96.5%</b>						
Other <b>0.5%</b>			Other <b>0.7%</b>						
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
<b>Comparative Analyses</b>									
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>					
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif			
AA/Black	<b>1.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>1.3%</b>	<b>14.4%</b>	<b>-13.1%</b>		
Hispanic	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>2.6%</b>	<b>14.5%</b>	<b>-11.9%</b>		
White	<b>95.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>95.5%</b>	<b>66.4%</b>	<b>29.1%</b>		
Other	<b>0.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>		
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
<b>VoD Analyses</b>									
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>					
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness		
NW	49	<b>4.7%</b>	<b>3.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>		
White	1,029	<b>95.3%</b>	<b>96.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>		
Chi-square, X-tab <sup>6</sup> :			.553	not sig.		Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :			1.190	not sig.		Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
<sup>7</sup> 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.									
<b>Citation Outcomes by Race<sup>8</sup></b>									
	Warning	Civil	Criminal	Arrest		Search?			
AA/Black	<b>66.7%</b>	<b>13.3%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>		
Hispanic	<b>80.0%</b>	<b>13.3%</b>	<b>6.7%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>		
White	<b>88.0%</b>	<b>10.3%</b>	<b>1.7%</b>	<b>0.0%</b>					
Other	<b>50.0%</b>	<b>33.3%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent		
Chi-square, X-tab <sup>6</sup> :			.000*	sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes									

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT RUTLAND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>943</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.5%</b>	Citations per 1000	
	Passing through:	<b>77.5%</b>	18 + residents:	<b>144.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 924)				ITP Stops <sup>3</sup> (N = 201)			
Mean age				Mean age			
<b>36.86</b>				<b>35.2</b>			
Gender %				Gender %			
Female <b>35.5%</b>				Female <b>30.7%</b>			
Male <b>64.4%</b>				Male <b>69.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>6.5%</b>				AA/Black <b>4.0%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>9.0%</b>			
White <b>83.6%</b>				White <b>81.9%</b>			
Other <b>2.4%</b>				Other <b>5.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.5%</b>	<b>0.0%</b>	<b>6.5%</b>	AA/Black	<b>6.5%</b>	<b>14.4%</b>	<b>-7.9%</b>
Hispanic	<b>7.5%</b>	<b>3.3%</b>	<b>4.2%</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>83.6%</b>	<b>92.1%</b>	<b>-8.5%</b>	White	<b>83.6%</b>	<b>66.4%</b>	<b>17.2%</b>
Other	<b>2.4%</b>	<b>5.6%</b>	<b>-3.2%</b>	Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>

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

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	147	<b>14.6%</b>	<b>20.1%</b>	NW	34	<b>16.7%</b>	<b>20.0%</b>
White	745	<b>85.4%</b>	<b>79.9%</b>	White	151	<b>83.3%</b>	<b>80.0%</b>
Chi-square, X-tab <sup>6</sup> : .038* <i>sig.</i>				Chi-square, X-tab <sup>6</sup> : .558 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .799 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .564 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>83.1%</b>	<b>3.4%</b>	<b>13.6%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>68.1%</b>	<b>4.3%</b>	<b>24.6%</b>	<b>2.9%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>70.8%</b>	<b>13.6%</b>	<b>12.2%</b>	<b>3.3%</b>			
Other	<b>56.5%</b>	<b>8.7%</b>	<b>21.7%</b>	<b>13.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SALEM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>5,318</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>33.9%</b>	Citations per 1000	
	Passing through:	<b>66.1%</b>	18 + residents:	<b>146.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,945)				ITP Stops <sup>3</sup> (N = 1,815)			
Mean age				Mean age			
<b>37.52</b>				<b>37.3</b>			
Gender %				Gender %			
Female <b>41.3%</b>				Female <b>41.3%</b>			
Male <b>58.6%</b>				Male <b>58.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.2%</b>				Race % Mis/Unk <sup>4</sup> <b>4.0%</b>			
AA/Black <b>8.1%</b>				AA/Black <b>8.5%</b>			
Hispanic <b>15.7%</b>				Hispanic <b>14.9%</b>			
White <b>74.6%</b>				White <b>75.5%</b>			
Other <b>1.5%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.1%</b>	<b>6.6%</b>	<b>1.5%</b>	AA/Black	<b>8.1%</b>	<b>14.4%</b>	<b>-6.3%</b>
Hispanic	<b>15.7%</b>	<b>17.8%</b>	<b>-2.1%</b>	Hispanic	<b>15.7%</b>	<b>14.5%</b>	<b>1.2%</b>
White	<b>74.6%</b>	<b>71.8%</b>	<b>2.8%</b>	White	<b>74.6%</b>	<b>66.4%</b>	<b>8.2%</b>
Other	<b>1.5%</b>	<b>6.9%</b>	<b>-5.4%</b>	Other	<b>1.5%</b>	<b>4.6%</b>	<b>-3.1%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,104	<b>21.4%</b>	<b>33.6%</b>	NW	374	<b>21.7%</b>	<b>28.6%</b>
White	3,304	<b>78.6%</b>	<b>66.4%</b>	White	1,175	<b>78.3%</b>	<b>71.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .002* sig.			
Odds ratio Exp(B) <sup>7</sup> : .532* sig.				Odds ratio Exp(B) <sup>7</sup> : .600* sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.4%</b>	<b>26.3%</b>	<b>7.1%</b>	<b>3.2%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>53.5%</b>	<b>36.3%</b>	<b>6.2%</b>	<b>4.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>59.2%</b>	<b>35.4%</b>	<b>3.5%</b>	<b>2.0%</b>			
Other	<b>57.7%</b>	<b>41.0%</b>	<b>1.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SALISBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>936</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.5%</b>	Citations per 1000	
	Passing through:	<b>77.5%</b>	18 + residents:	<b>144</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 895)				ITP Stops <sup>3</sup> (N = 463)			
Mean age				Mean age			
<b>40.32</b>				<b>40.26</b>			
Gender %				Gender %			
Female <b>36.8%</b>				Female <b>34.0%</b>			
Male <b>63.2%</b>				Male <b>66.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>2.3%</b>				AA/Black <b>2.0%</b>			
Hispanic <b>7.9%</b>				Hispanic <b>8.6%</b>			
White <b>88.2%</b>				White <b>88.1%</b>			
Other <b>1.6%</b>				Other <b>1.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.3%</b>	<b>0.7%</b>	<b>1.6%</b>	AA/Black	<b>2.3%</b>	<b>14.4%</b>	<b>-12.1%</b>
Hispanic	<b>7.9%</b>	<b>3.6%</b>	<b>4.3%</b>	Hispanic	<b>7.9%</b>	<b>14.5%</b>	<b>-6.6%</b>
White	<b>88.2%</b>	<b>92.8%</b>	<b>-4.6%</b>	White	<b>88.2%</b>	<b>66.4%</b>	<b>21.8%</b>
Other	<b>1.6%</b>	<b>2.4%</b>	<b>-0.8%</b>	Other	<b>1.6%</b>	<b>4.6%</b>	<b>-3.0%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	98	<b>10.5%</b>	<b>13.6%</b>	NW	50	<b>13.2%</b>	<b>10.8%</b>
White	725	<b>89.5%</b>	<b>86.4%</b>	White	363	<b>86.8%</b>	<b>89.2%</b>
Chi-square, X-tab <sup>6</sup> :		.181	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.445	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.668	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.997	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>47.6%</b>	<b>9.5%</b>	<b>33.3%</b>	<b>9.5%</b>	NW	<b>1</b>	
Hispanic	<b>60.6%</b>	<b>5.6%</b>	<b>25.4%</b>	<b>8.5%</b>	White	<b>12</b>	
White	<b>66.5%</b>	<b>16.6%</b>	<b>14.6%</b>	<b>2.4%</b>			
Other	<b>62.5%</b>	<b>6.3%</b>	<b>25.0%</b>	<b>6.3%</b>	Counts	Percent	
Chi-square, X-tab <sup>6</sup> :		.001*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SANDWICH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,090</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.3%</b>	Citations per 1000	
	Passing through:	<b>82.7%</b>	18 + residents:	<b>65.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,029)				ITP Stops <sup>3</sup> (N = 408)			
Mean age				Mean age			
<b>39.81</b>				<b>38.78</b>			
Gender %				Gender %			
Female <b>43.0%</b>				Female <b>40.7%</b>			
Male <b>57.0%</b>				Male <b>59.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>5.8%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>1.8%</b>				Hispanic <b>2.0%</b>			
White <b>90.5%</b>				White <b>89.9%</b>			
Other <b>2.0%</b>				Other <b>2.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.8%</b>	<b>1.0%</b>	<b>4.8%</b>	AA/Black	<b>5.8%</b>	<b>14.4%</b>	<b>-8.6%</b>
Hispanic	<b>1.8%</b>	<b>2.1%</b>	<b>-0.3%</b>	Hispanic	<b>1.8%</b>	<b>14.5%</b>	<b>-12.7%</b>
White	<b>90.5%</b>	<b>93.0%</b>	<b>-2.5%</b>	White	<b>90.5%</b>	<b>66.4%</b>	<b>24.1%</b>
Other	<b>2.0%</b>	<b>2.8%</b>	<b>-0.8%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	95	<b>7.9%</b>	<b>14.0%</b>	NW	40	<b>8.8%</b>	<b>13.5%</b>
White	864	<b>92.1%</b>	<b>86.0%</b>	White	319	<b>91.2%</b>	<b>86.5%</b>
Chi-square, X-tab <sup>6</sup> : .003* sig.				Chi-square, X-tab <sup>6</sup> : .162 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .499* sig.				Odds ratio Exp(B) <sup>7</sup> : .875 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>47.6%</b>	<b>17.5%</b>	<b>30.2%</b>	<b>4.8%</b>	NW	<b>0</b>	
Hispanic	<b>68.4%</b>	<b>5.3%</b>	<b>15.8%</b>	<b>10.5%</b>	White	<b>3</b>	
White	<b>66.5%</b>	<b>16.1%</b>	<b>12.0%</b>	<b>5.4%</b>			
Other	<b>85.0%</b>	<b>10.0%</b>	<b>5.0%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> : .004* sig.						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SAUGUS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>275</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>20.7%</b>	Citations per 1000			
	Passing through:		<b>79.3%</b>	18 + residents:		<b>11.7</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup></b>			<b>(N = 193)</b>				
Mean age			Mean age				
<b>35.52</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>23.8%</b>			Female <b>N/A</b>				
Male <b>76.2%</b>			Male <b>N/A</b>				
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>5.2%</b>			Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>12.6%</b>			AA/Black <b>N/A</b>				
Hispanic <b>8.7%</b>			Hispanic <b>N/A</b>				
White <b>77.0%</b>			White <b>N/A</b>				
Other <b>1.6%</b>			Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.6%</b>	<b>2.1%</b>	<b>N/A</b>	AA/Black	<b>12.6%</b>	<b>14.4%</b>	<b>-1.8%</b>
Hispanic	<b>8.7%</b>	<b>8.6%</b>	<b>N/A</b>	Hispanic	<b>8.7%</b>	<b>14.5%</b>	<b>-5.8%</b>
White	<b>77.0%</b>	<b>83.3%</b>	<b>N/A</b>	White	<b>77.0%</b>	<b>66.4%</b>	<b>10.6%</b>
Other	<b>1.6%</b>	<b>5.8%</b>	<b>N/A</b>	Other	<b>1.6%</b>	<b>4.6%</b>	<b>-3.0%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	38	<b>18.1%</b>	<b>28.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	122	<b>81.9%</b>	<b>71.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.126	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.557	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>35.7%</b>	<b>17.9%</b>	<b>46.4%</b>	<b>0.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>22.2%</b>	<b>7.4%</b>	<b>63.0%</b>	<b>7.4%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>22.0%</b>	<b>24.0%</b>	<b>50.0%</b>	<b>4.0%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>25.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.023*	sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SCITUATE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>193</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>58.4%</b>	Citations per 1000			
	Passing through:		<b>41.6%</b>	18 + residents:		<b>13</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup></b>			<b>(N = 161)</b>				
Mean age			Mean age				
<b>37.16</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>35.4%</b>			Female <b>N/A</b>				
Male <b>64.6%</b>			Male <b>N/A</b>				
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>12.4%</b>			Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>0.7%</b>			AA/Black <b>N/A</b>				
Hispanic <b>2.8%</b>			Hispanic <b>N/A</b>				
White <b>95.0%</b>			White <b>N/A</b>				
Other <b>1.4%</b>			Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>0.7%</b>	<b>0.7%</b>	<b>0.0%</b>	AA/Black	<b>0.7%</b>	<b>14.4%</b>	<b>-13.7%</b>
Hispanic	<b>2.8%</b>	<b>1.0%</b>	<b>1.8%</b>	Hispanic	<b>2.8%</b>	<b>14.5%</b>	<b>-11.7%</b>
White	<b>95.0%</b>	<b>95.3%</b>	<b>-0.3%</b>	White	<b>95.0%</b>	<b>66.4%</b>	<b>28.6%</b>
Other	<b>1.4%</b>	<b>1.6%</b>	<b>-0.2%</b>	Other	<b>1.4%</b>	<b>4.6%</b>	<b>-3.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>50.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>20.0%</b>	<b>0.0%</b>	<b>80.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>47.2%</b>	<b>23.3%</b>	<b>15.3%</b>	<b>14.1%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.020* sig.					
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SEEKONK POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,612</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.7%</b>	Citations per 1000	
	Passing through:	<b>79.3%</b>	18 + residents:	<b>130.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,356)				ITP Stops <sup>3</sup> (N = 479)			
Mean age				Mean age			
<b>37.32</b>				<b>37.18</b>			
Gender %				Gender %			
Female		<b>35.1%</b>		Female		<b>31.1%</b>	
Male		<b>64.9%</b>		Male		<b>68.9%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black		<b>13.8%</b>		AA/Black		<b>11.1%</b>	
Hispanic		<b>6.3%</b>		Hispanic		<b>5.7%</b>	
White		<b>79.0%</b>		White		<b>82.1%</b>	
Other		<b>0.9%</b>		Other		<b>1.1%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.8%</b>	<b>1.0%</b>	<b>12.8%</b>	AA/Black	<b>13.8%</b>	<b>14.4%</b>	<b>-0.6%</b>
Hispanic	<b>6.3%</b>	<b>2.5%</b>	<b>3.8%</b>	Hispanic	<b>6.3%</b>	<b>14.5%</b>	<b>-8.2%</b>
White	<b>79.0%</b>	<b>92.3%</b>	<b>-13.3%</b>	White	<b>79.0%</b>	<b>66.4%</b>	<b>12.6%</b>
Other	<b>0.9%</b>	<b>4.6%</b>	<b>-3.7%</b>	Other	<b>0.9%</b>	<b>4.6%</b>	<b>-3.7%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	271	<b>15.5%</b>	<b>30.7%</b>	NW	80	<b>15.1%</b>	<b>23.8%</b>
White	984	<b>84.5%</b>	<b>69.3%</b>	White	341	<b>84.9%</b>	<b>76.2%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.023*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.464*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.609	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.7%</b>	<b>12.4%</b>	<b>15.2%</b>	<b>6.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>57.7%</b>	<b>16.3%</b>	<b>20.2%</b>	<b>5.8%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>73.0%</b>	<b>17.4%</b>	<b>7.7%</b>	<b>1.9%</b>			
Other	<b>46.7%</b>	<b>40.0%</b>	<b>13.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SHARON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,484</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.3%</b>	Citations per 1000	
	Passing through:	<b>69.7%</b>	18 + residents:	<b>107.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,451)				ITP Stops <sup>3</sup> (N = 555)			
Mean age				Mean age			
<b>39.76</b>				<b>38.04</b>			
Gender %				Gender %			
Female <b>40.5%</b>				Female <b>36.9%</b>			
Male <b>59.4%</b>				Male <b>62.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>			
AA/Black <b>15.4%</b>				AA/Black <b>14.6%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>5.7%</b>			
White <b>70.9%</b>				White <b>70.9%</b>			
Other <b>8.6%</b>				Other <b>8.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.4%</b>	<b>2.6%</b>	<b>12.8%</b>	AA/Black	<b>15.4%</b>	<b>14.4%</b>	<b>1.0%</b>
Hispanic	<b>5.0%</b>	<b>5.4%</b>	<b>-0.4%</b>	Hispanic	<b>5.0%</b>	<b>14.5%</b>	<b>-9.5%</b>
White	<b>70.9%</b>	<b>73.1%</b>	<b>-2.2%</b>	White	<b>70.9%</b>	<b>66.4%</b>	<b>4.5%</b>
Other	<b>8.6%</b>	<b>18.5%</b>	<b>-9.9%</b>	Other	<b>8.6%</b>	<b>4.6%</b>	<b>4.0%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	393	<b>26.2%</b>	<b>38.5%</b>	NW	141	<b>30.4%</b>	<b>26.2%</b>
White	953	<b>73.8%</b>	<b>61.5%</b>	White	341	<b>69.6%</b>	<b>73.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .363 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .580* sig.				Odds ratio Exp(B) <sup>7</sup> : .859 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.2%</b>	<b>5.8%</b>	<b>5.8%</b>	<b>2.2%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>81.1%</b>	<b>8.1%</b>	<b>10.8%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>93.3%</b>	<b>4.4%</b>	<b>2.1%</b>	<b>0.2%</b>			
Other	<b>93.0%</b>	<b>7.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SHEFFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>364</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		<b>15.8%</b>	Citations per 1000 18 + residents:				<b>N/A</b>	
	Passing through:		<b>84.2%</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes									
<b>All Stops<sup>2</sup> (N = 342)</b>				<b>ITP Stops<sup>3</sup> (N = 103)</b>					
Mean age				Mean age					
<b>43.55</b>				<b>39.54</b>					
Gender %				Gender %					
Female		<b>34.9%</b>		Female		<b>23.3%</b>			
Male		<b>65.1%</b>		Male		<b>76.7%</b>			
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>	<b>4.4%</b>	Race %		Mis/Unk <sup>4</sup>	<b>3.9%</b>		
AA/Black		<b>4.6%</b>		AA/Black		<b>5.1%</b>			
Hispanic		<b>5.8%</b>		Hispanic		<b>5.1%</b>			
White		<b>88.1%</b>		White		<b>88.9%</b>			
Other		<b>1.5%</b>		Other		<b>0.7%</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
<b>Comparative Analyses</b>									
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		<b>4.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black		<b>4.6%</b>	<b>14.4%</b>	<b>-9.8%</b>
Hispanic		<b>5.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic		<b>5.8%</b>	<b>14.5%</b>	<b>-8.7%</b>
White		<b>88.1%</b>	<b>N/A</b>	<b>N/A</b>	White		<b>88.1%</b>	<b>66.4%</b>	<b>21.7%</b>
Other		<b>1.5%</b>	<b>N/A</b>	<b>N/A</b>	Other		<b>1.5%</b>	<b>4.6%</b>	<b>-3.1%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
<b>VoD Analyses</b>									
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		35	<b>11.8%</b>	<b>12.3%</b>	NW		N/A	<b>N/A</b>	<b>N/A</b>
White		258	<b>88.2%</b>	<b>87.7%</b>	White		N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.896	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		.774	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
<sup>7</sup> 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.									
<b>Citation Outcomes by Race<sup>8</sup></b>									
		Warning	Civil	Criminal	Arrest		Search?		
AA/Black		<b>66.7%</b>	<b>13.3%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>	
Hispanic		<b>63.2%</b>	<b>15.8%</b>	<b>15.8%</b>	<b>5.3%</b>	White	<b>3</b>	<b>N/A</b>	
White		<b>65.2%</b>	<b>18.1%</b>	<b>15.2%</b>	<b>1.6%</b>				
Other		<b>40.0%</b>	<b>60.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts		Percent	
Chi-square, X-tab <sup>6</sup> :		.508	not sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes									

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SHELBURNE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>334</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>5.5%</b>	Citations per 1000			
	Passing through:		<b>94.5%</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 311)</b>				<b>ITP Stops<sup>3</sup> (N = 157)</b>			
Mean age				Mean age			
<b>37.95</b>				<b>38.92</b>			
Gender %				Gender %			
Female		<b>26.8%</b>		Female		<b>30.6%</b>	
Male		<b>73.2%</b>		Male		<b>69.4%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup> <b>4.5%</b>		Race %		Mis/Unk <sup>4</sup> <b>3.2%</b>	
AA/Black		<b>1.7%</b>		AA/Black		<b>2.0%</b>	
Hispanic		<b>3.0%</b>		Hispanic		<b>2.0%</b>	
White		<b>93.6%</b>		White		<b>93.4%</b>	
Other		<b>1.7%</b>		Other		<b>2.6%</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>1.7%</b>	<b>14.4%</b>	<b>-12.7%</b>
Hispanic	<b>3.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.0%</b>	<b>14.5%</b>	<b>-11.5%</b>
White	<b>93.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>93.6%</b>	<b>66.4%</b>	<b>27.2%</b>
Other	<b>1.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.7%</b>	<b>4.6%</b>	<b>-2.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	19	<b>4.2%</b>	<b>9.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	267	<b>95.8%</b>	<b>90.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.090	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.382	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>40.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>10.0%</b>	<b>40.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>76.7%</b>	<b>13.3%</b>	<b>8.3%</b>	<b>1.7%</b>			
Other	<b>40.0%</b>	<b>60.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SHERBORN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,058</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.2%</b>	Citations per 1000	
	Passing through:	<b>89.8%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,010)				ITP Stops <sup>3</sup> (N = 625)			
Mean age				Mean age			
<b>39.67</b>				<b>39.2</b>			
Gender %				Gender %			
Female <b>40.6%</b>				Female <b>38.2%</b>			
Male <b>59.4%</b>				Male <b>61.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>8.3%</b>				AA/Black <b>7.8%</b>			
Hispanic <b>10.1%</b>				Hispanic <b>11.9%</b>			
White <b>76.8%</b>				White <b>74.9%</b>			
Other <b>4.8%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.3%</b>	<b>14.4%</b>	<b>-6.1%</b>
Hispanic	<b>10.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>10.1%</b>	<b>14.5%</b>	<b>-4.4%</b>
White	<b>76.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>76.8%</b>	<b>66.4%</b>	<b>10.4%</b>
Other	<b>4.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.8%</b>	<b>4.6%</b>	<b>0.2%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	447	<b>20.6%</b>	<b>28.5%</b>	NW	137	<b>25.3%</b>	<b>24.3%</b>
White	1,488	<b>79.4%</b>	<b>71.5%</b>	White	414	<b>74.7%</b>	<b>75.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.784	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.640*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.933	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.3%</b>	<b>17.4%</b>	<b>9.3%</b>	<b>2.9%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>44.2%</b>	<b>19.1%</b>	<b>34.9%</b>	<b>1.9%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>81.4%</b>	<b>11.1%</b>	<b>6.9%</b>	<b>0.5%</b>			
Other	<b>83.3%</b>	<b>15.6%</b>	<b>1.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SHIRLEY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>433</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.9%</b>	Citations per 1000	
	Passing through:	<b>77.1%</b>	18 + residents:	<b>64.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 423)				ITP Stops <sup>3</sup> (N = 203)			
Mean age				Mean age			
<b>39.16</b>				<b>37.3</b>			
Gender %				Gender %			
Female <b>39.3%</b>				Female <b>38.3%</b>			
Male <b>60.7%</b>				Male <b>61.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>3.4%</b>			
AA/Black <b>9.3%</b>				AA/Black <b>8.7%</b>			
Hispanic <b>12.7%</b>				Hispanic <b>11.2%</b>			
White <b>75.5%</b>				White <b>77.0%</b>			
Other <b>2.5%</b>				Other <b>3.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.3%</b>	<b>8.5%</b>	<b>0.8%</b>	AA/Black	<b>9.3%</b>	<b>14.4%</b>	<b>-5.1%</b>
Hispanic	<b>12.7%</b>	<b>9.8%</b>	<b>2.9%</b>	Hispanic	<b>12.7%</b>	<b>14.5%</b>	<b>-1.8%</b>
White	<b>75.5%</b>	<b>74.9%</b>	<b>0.6%</b>	White	<b>75.5%</b>	<b>66.4%</b>	<b>9.1%</b>
Other	<b>2.5%</b>	<b>7.1%</b>	<b>-4.6%</b>	Other	<b>2.5%</b>	<b>4.6%</b>	<b>-2.1%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	90	<b>24.6%</b>	<b>20.5%</b>	NW	37	<b>23.3%</b>	<b>17.5%</b>
White	288	<b>75.4%</b>	<b>79.5%</b>	White	136	<b>76.7%</b>	<b>82.5%</b>
Chi-square, X-tab <sup>6</sup> : .466 not sig.				Chi-square, X-tab <sup>6</sup> : .387 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.243 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.832 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.5%</b>	<b>20.5%</b>	<b>12.8%</b>	<b>5.1%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>55.8%</b>	<b>28.8%</b>	<b>13.5%</b>	<b>1.9%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>70.3%</b>	<b>24.0%</b>	<b>5.0%</b>	<b>0.6%</b>			
Other	<b>70.0%</b>	<b>30.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .059 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SHREWSBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,945</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.7%</b>	Citations per 1000	
	Passing through:	<b>76.3%</b>	18 + residents:	<b>65.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,874)				ITP Stops <sup>3</sup> (N = 859)			
Mean age				Mean age			
<b>35.26</b>				<b>35.54</b>			
Gender %				Gender %			
Female <b>33.8%</b>				Female <b>33.7%</b>			
Male <b>66.0%</b>				Male <b>66.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.7%</b>				Race % Mis/Unk <sup>4</sup> <b>4.9%</b>			
AA/Black <b>15.8%</b>				AA/Black <b>15.2%</b>			
Hispanic <b>15.7%</b>				Hispanic <b>15.1%</b>			
White <b>58.5%</b>				White <b>59.5%</b>			
Other <b>10.0%</b>				Other <b>10.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.8%</b>	<b>3.0%</b>	<b>12.8%</b>	AA/Black	<b>15.8%</b>	<b>14.4%</b>	<b>1.4%</b>
Hispanic	<b>15.7%</b>	<b>4.8%</b>	<b>10.9%</b>	Hispanic	<b>15.7%</b>	<b>14.5%</b>	<b>1.2%</b>
White	<b>58.5%</b>	<b>69.9%</b>	<b>-11.4%</b>	White	<b>58.5%</b>	<b>66.4%</b>	<b>-7.9%</b>
Other	<b>10.0%</b>	<b>22.8%</b>	<b>-12.8%</b>	Other	<b>10.0%</b>	<b>4.6%</b>	<b>5.4%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	686	<b>36.9%</b>	<b>45.8%</b>	NW	298	<b>38.6%</b>	<b>41.5%</b>
White	983	<b>63.1%</b>	<b>54.2%</b>	White	449	<b>61.4%</b>	<b>58.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .421 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .695* sig.				Odds ratio Exp(B) <sup>7</sup> : .783 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.3%</b>	<b>17.2%</b>	<b>6.2%</b>	<b>1.4%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>73.3%</b>	<b>14.9%</b>	<b>5.7%</b>	<b>6.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>76.3%</b>	<b>15.8%</b>	<b>4.4%</b>	<b>3.5%</b>			
Other	<b>71.3%</b>	<b>26.0%</b>	<b>1.1%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SHUTESBURY POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>108</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>4.7%</b>	Citations per 1000		
	Passing through:		<b>95.3%</b>	18 + residents:		<b>N/A</b>
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup></b>			<b>(N = 106)</b>			<b>ITP Stops<sup>3</sup></b>
Mean age			Mean age			(N = N/A)
<b>30.57</b>			<b>N/A</b>			
Gender %			Gender %			
Female		<b>36.5%</b>	Female		<b>N/A</b>	
Male		<b>63.5%</b>	Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>	Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>	Race %		Mis/Unk <sup>4</sup>	<b>N/A</b>
AA/Black		<b>8.1%</b>	AA/Black		<b>N/A</b>	
Hispanic		<b>0.0%</b>	Hispanic		<b>N/A</b>	
White		<b>83.8%</b>	White		<b>N/A</b>	
Other		<b>8.1%</b>	Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg
AA/Black	<b>8.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.1%</b>	<b>14.4%</b>
Hispanic	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.0%</b>	<b>14.5%</b>
White	<b>83.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>83.8%</b>	<b>66.4%</b>
Other	<b>8.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>8.1%</b>	<b>4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
Race	N	Daylight	Darkness	Race	N	Daylight
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>62.5%</b>	<b>37.5%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>
White	<b>72.9%</b>	<b>24.7%</b>	<b>2.4%</b>	<b>0.0%</b>		
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.430	not sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SOMERSET POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,291</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.0%</b>	Citations per 1000	
	Passing through:	<b>64.0%</b>	18 + residents:	<b>223.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,048)				ITP Stops <sup>3</sup> (N = 1,225)			
Mean age				Mean age			
<b>38.99</b>				<b>38.28</b>			
Gender %				Gender %			
Female <b>44.2%</b>				Female <b>41.4%</b>			
Male <b>55.8%</b>				Male <b>58.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>3.8%</b>			
Hispanic <b>2.7%</b>				Hispanic <b>1.8%</b>			
White <b>92.4%</b>				White <b>92.9%</b>			
Other <b>0.9%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>0.5%</b>	<b>3.5%</b>	AA/Black	<b>4.0%</b>	<b>14.4%</b>	<b>-10.4%</b>
Hispanic	<b>2.7%</b>	<b>0.9%</b>	<b>1.8%</b>	Hispanic	<b>2.7%</b>	<b>14.5%</b>	<b>-11.8%</b>
White	<b>92.4%</b>	<b>97.5%</b>	<b>-5.1%</b>	White	<b>92.4%</b>	<b>66.4%</b>	<b>26.0%</b>
Other	<b>0.9%</b>	<b>0.8%</b>	<b>0.1%</b>	Other	<b>0.9%</b>	<b>4.6%</b>	<b>-3.7%</b>

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	221	<b>6.5%</b>	<b>11.1%</b>	NW	79	<b>6.2%</b>	<b>9.4%</b>
White	2,687	<b>93.5%</b>	<b>88.9%</b>	White	1,020	<b>93.8%</b>	<b>90.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .056 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .647* sig.				Odds ratio Exp(B) <sup>7</sup> : .646 not sig.			

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.2%</b>	<b>17.8%</b>	<b>12.4%</b>	<b>1.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>53.6%</b>	<b>18.6%</b>	<b>27.8%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>72.7%</b>	<b>21.5%</b>	<b>5.1%</b>	<b>0.7%</b>			
Other	<b>61.3%</b>	<b>29.0%</b>	<b>9.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SOMERVILLE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>8,501</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.8%</b>	Citations per 1000	
	Passing through:	<b>74.2%</b>	18 + residents:	<b>118.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 8,319)				ITP Stops <sup>3</sup> (N = 1,419)			
Mean age				Mean age			
<b>40.71</b>				<b>38.88</b>			
Gender %				Gender %			
Female <b>36.5%</b>				Female <b>35.8%</b>			
Male <b>63.4%</b>				Male <b>64.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.9%</b>				Race % Mis/Unk <sup>4</sup> <b>3.1%</b>			
AA/Black <b>13.2%</b>				AA/Black <b>14.8%</b>			
Hispanic <b>8.5%</b>				Hispanic <b>6.9%</b>			
White <b>71.5%</b>				White <b>70.3%</b>			
Other <b>6.9%</b>				Other <b>7.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>13.2%</b>	<b>6.2%</b>	<b>7.0%</b>	AA/Black	<b>13.2%</b>	<b>14.4%</b> <b>-1.2%</b>
Hispanic	<b>8.5%</b>	<b>12.4%</b>	<b>-3.9%</b>	Hispanic	<b>8.5%</b>	<b>14.5%</b> <b>-6.0%</b>
White	<b>71.5%</b>	<b>68.2%</b>	<b>3.3%</b>	White	<b>71.5%</b>	<b>66.4%</b> <b>5.1%</b>
Other	<b>6.9%</b>	<b>14.8%</b>	<b>-7.9%</b>	Other	<b>6.9%</b>	<b>4.6%</b> <b>2.3%</b>

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,017	<b>27.6%</b>	<b>35.4%</b>	NW	343	<b>26.5%</b>	<b>38.4%</b>
White	5,157	<b>72.4%</b>	<b>64.6%</b>	White	863	<b>73.5%</b>	<b>61.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .699* sig.				Odds ratio Exp(B) <sup>7</sup> : .463* sig.			

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>94.5%</b>	<b>3.9%</b>	<b>1.2%</b>	<b>0.4%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>92.9%</b>	<b>6.2%</b>	<b>0.7%</b>	<b>0.1%</b>	White	<b>20</b>	<b>N/A</b>
White	<b>94.6%</b>	<b>4.9%</b>	<b>0.4%</b>	<b>0.1%</b>			
Other	<b>94.7%</b>	<b>5.1%</b>	<b>0.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .003* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SOUTH HADLEY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>759</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.4%</b>	Citations per 1000	
	Passing through:	<b>70.6%</b>	18 + residents:	<b>50</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 703)				ITP Stops <sup>3</sup> (N = 256)			
Mean age				Mean age			
<b>36.19</b>				<b>36.46</b>			
Gender %				Gender %			
Female <b>43.7%</b>				Female <b>40.6%</b>			
Male <b>56.3%</b>				Male <b>59.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>7.5%</b>				AA/Black <b>7.9%</b>			
Hispanic <b>4.9%</b>				Hispanic <b>5.5%</b>			
White <b>86.7%</b>				White <b>85.4%</b>			
Other <b>1.0%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>1.8%</b>	<b>5.7%</b>	AA/Black	<b>7.5%</b>	<b>14.4%</b>	<b>-6.9%</b>
Hispanic	<b>4.9%</b>	<b>6.4%</b>	<b>-1.5%</b>	Hispanic	<b>4.9%</b>	<b>14.5%</b>	<b>-9.6%</b>
White	<b>86.7%</b>	<b>84.8%</b>	<b>1.9%</b>	White	<b>86.7%</b>	<b>66.4%</b>	<b>20.3%</b>
Other	<b>1.0%</b>	<b>8.2%</b>	<b>-7.2%</b>	Other	<b>1.0%</b>	<b>4.6%</b>	<b>-3.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	90	<b>13.0%</b>	<b>15.3%</b>	NW	36	<b>16.1%</b>	<b>14.6%</b>
White	572	<b>87.0%</b>	<b>84.7%</b>	White	195	<b>83.9%</b>	<b>85.4%</b>
Chi-square, X-tab <sup>6</sup> : .453 sig.				Chi-square, X-tab <sup>6</sup> : .768 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .994 sig.				Odds ratio Exp(B) <sup>7</sup> : 1.448 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>64.8%</b>	<b>9.3%</b>	<b>14.8%</b>	<b>11.1%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>46.5%</b>	<b>14.0%</b>	<b>30.2%</b>	<b>9.3%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>68.6%</b>	<b>12.6%</b>	<b>15.9%</b>	<b>2.9%</b>			
Other	<b>71.4%</b>	<b>0.0%</b>	<b>14.3%</b>	<b>14.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .006* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SOUTHAMPTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>293</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>27.1%</b>	Citations per 1000			
	Passing through:		<b>72.9%</b>	18 + residents: <b>57.2</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 273)</b>				<b>ITP Stops<sup>3</sup> (N = 100)</b>			
Mean age				Mean age			
<b>34.35</b>				<b>31.32</b>			
Gender %				Gender %			
Female		<b>46.2%</b>		Female		<b>43.4%</b>	
Male		<b>53.8%</b>		Male		<b>56.6%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup> <b>3.3%</b>		Race %		Mis/Unk <sup>4</sup> <b>3.0%</b>	
AA/Black		<b>1.9%</b>		AA/Black		<b>1.0%</b>	
Hispanic		<b>6.4%</b>		Hispanic		<b>9.4%</b>	
White		<b>90.5%</b>		White		<b>88.5%</b>	
Other		<b>1.1%</b>		Other		<b>1.0%</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.9%</b>	<b>0.4%</b>	<b>1.5%</b>	AA/Black	<b>1.9%</b>	<b>14.4%</b>	<b>-12.5%</b>
Hispanic	<b>6.4%</b>	<b>0.0%</b>	<b>6.4%</b>	Hispanic	<b>6.4%</b>	<b>14.5%</b>	<b>-8.1%</b>
White	<b>90.5%</b>	<b>95.6%</b>	<b>-5.1%</b>	White	<b>90.5%</b>	<b>66.4%</b>	<b>24.1%</b>
Other	<b>1.1%</b>	<b>3.9%</b>	<b>-2.8%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	24	<b>7.3%</b>	<b>18.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	229	<b>92.7%</b>	<b>81.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .015* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .332* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.0%</b>	<b>0.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>70.6%</b>	<b>23.5%</b>	<b>0.0%</b>	<b>5.9%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>69.9%</b>	<b>16.2%</b>	<b>11.6%</b>	<b>2.3%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>8</sup> : .740 not sig.							
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SOUTHBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,188</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.1%</b>	Citations per 1000	
	Passing through:	<b>88.9%</b>	18 + residents:	<b>423.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,135)				ITP Stops <sup>3</sup> (N = 1,409)			
Mean age				Mean age			
<b>38.04</b>				<b>39.47</b>			
Gender %				Gender %			
Female <b>35.1%</b>				Female <b>35.7%</b>			
Male <b>64.9%</b>				Male <b>64.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.3%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>10.6%</b>				AA/Black <b>6.8%</b>			
Hispanic <b>17.7%</b>				Hispanic <b>18.0%</b>			
White <b>60.2%</b>				White <b>62.7%</b>			
Other <b>11.5%</b>				Other <b>12.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.6%</b>	<b>0.7%</b>	<b>9.9%</b>	AA/Black	<b>10.6%</b>	<b>14.4%</b>	<b>-3.8%</b>
Hispanic	<b>17.7%</b>	<b>3.9%</b>	<b>13.8%</b>	Hispanic	<b>17.7%</b>	<b>14.5%</b>	<b>3.2%</b>
White	<b>60.2%</b>	<b>79.2%</b>	<b>-19.0%</b>	White	<b>60.2%</b>	<b>66.4%</b>	<b>-6.2%</b>
Other	<b>11.5%</b>	<b>15.5%</b>	<b>-4.0%</b>	Other	<b>11.5%</b>	<b>4.6%</b>	<b>6.9%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,186	<b>30.7%</b>	<b>53.0%</b>	NW	466	<b>33.5%</b>	<b>44.1%</b>
White	1,802	<b>69.3%</b>	<b>47.0%</b>	White	805	<b>66.5%</b>	<b>55.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .380* sig.				Odds ratio Exp(B) <sup>7</sup> : .559* sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.8%</b>	<b>16.7%</b>	<b>9.0%</b>	<b>1.5%</b>	NW	<b>179</b>	<b>39.3%</b>
Hispanic	<b>73.1%</b>	<b>13.5%</b>	<b>11.9%</b>	<b>1.6%</b>	White	<b>277</b>	<b>60.7%</b>
White	<b>85.0%</b>	<b>10.5%</b>	<b>3.5%</b>	<b>1.1%</b>			
Other	<b>86.3%</b>	<b>9.6%</b>	<b>3.6%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SOUTHBRIDGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>956</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>55.0%</b>	Citations per 1000	
	Passing through:	<b>45.0%</b>	18 + residents:	<b>73.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 829)				ITP Stops <sup>3</sup> (N = 271)			
Mean age				Mean age			
<b>33.74</b>				<b>33.35</b>			
Gender %				Gender %			
Female <b>29.4%</b>				Female <b>32.3%</b>			
Male <b>70.3%</b>				Male <b>67.7%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>6.4%</b>				AA/Black <b>6.4%</b>			
Hispanic <b>25.3%</b>				Hispanic <b>28.2%</b>			
White <b>67.9%</b>				White <b>64.3%</b>			
Other <b>0.4%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.4%</b>	<b>3.4%</b>	<b>3.0%</b>	AA/Black	<b>6.4%</b>	<b>14.4%</b>	<b>-8.0%</b>
Hispanic	<b>25.3%</b>	<b>32.9%</b>	<b>-7.6%</b>	Hispanic	<b>25.3%</b>	<b>14.5%</b>	<b>10.8%</b>
White	<b>67.9%</b>	<b>62.9%</b>	<b>5.0%</b>	White	<b>67.9%</b>	<b>66.4%</b>	<b>1.5%</b>
Other	<b>0.4%</b>	<b>4.8%</b>	<b>-4.4%</b>	Other	<b>0.4%</b>	<b>4.6%</b>	<b>-4.2%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	243	<b>25.5%</b>	<b>40.9%</b>	NW	90	<b>35.5%</b>	<b>38.0%</b>
White	514	<b>74.5%</b>	<b>59.1%</b>	White	156	<b>64.5%</b>	<b>62.0%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.691	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.545*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.556	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.3%</b>	<b>11.9%</b>	<b>44.1%</b>	<b>6.8%</b>	NW	<b>12</b>	<b>N/A</b>
Hispanic	<b>34.3%</b>	<b>15.3%</b>	<b>46.2%</b>	<b>4.2%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>46.3%</b>	<b>21.7%</b>	<b>28.9%</b>	<b>3.1%</b>			
Other	<b>0.0%</b>	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT SOUTHWICK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>790</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>28.0%</b>	Citations per 1000 18 + residents: <b>101.1</b>		
	Passing through:		<b>72.0%</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 749)</b>			<b>ITP Stops<sup>3</sup> (N = 201)</b>			
Mean age			Mean age			
<b>36.89</b>			<b>35.62</b>			
Gender %			Gender %			
Female <b>35.5%</b>			Female <b>35.5%</b>			
Male <b>64.4%</b>			Male <b>64.5%</b>			
Non-binary <b>0.1%</b>			Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>3.8%</b>			AA/Black <b>4.0%</b>			
Hispanic <b>4.2%</b>			Hispanic <b>4.0%</b>			
White <b>90.7%</b>			White <b>91.5%</b>			
Other <b>1.3%</b>			Other <b>0.5%</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	<b>3.8%</b>	<b>0.1%</b>	<b>3.7%</b>	AA/Black	<b>3.8%</b>	<b>14.4%</b> <b>-10.6%</b>
Hispanic	<b>4.2%</b>	<b>3.5%</b>	<b>0.7%</b>	Hispanic	<b>4.2%</b>	<b>14.5%</b> <b>-10.3%</b>
White	<b>90.7%</b>	<b>92.8%</b>	<b>-2.1%</b>	White	<b>90.7%</b>	<b>66.4%</b> <b>24.3%</b>
Other	<b>1.3%</b>	<b>3.6%</b>	<b>-2.3%</b>	Other	<b>1.3%</b>	<b>4.6%</b> <b>-3.3%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	67	<b>10.5%</b>	<b>7.6%</b>	NW	17	<b>18.3%</b> <b>4.9%</b>
White	650	<b>89.5%</b>	<b>92.4%</b>	White	166	<b>81.7%</b> <b>95.1%</b>
Chi-square, X-tab <sup>6</sup> :			.190 not sig.	Chi-square, X-tab <sup>6</sup> :		
Odds ratio Exp(B) <sup>7</sup> :			1.449 not sig.	.003* sig.		
				Odds ratio Exp(B) <sup>7</sup> :		
				4.878* sig.		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search? Counts Percent
AA/Black	<b>86.2%</b>	<b>6.9%</b>	<b>6.9%</b>	<b>0.0%</b>	NW	<b>0</b> <b>N/A</b>
Hispanic	<b>55.9%</b>	<b>17.6%</b>	<b>14.7%</b>	<b>11.8%</b>	White	<b>1</b> <b>N/A</b>
White	<b>76.8%</b>	<b>11.2%</b>	<b>9.6%</b>	<b>2.4%</b>		
Other	<b>90.0%</b>	<b>10.0%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :			.034* sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SPENCER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>650</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.1%</b>	Citations per 1000	
	Passing through:	<b>69.9%</b>	18 + residents:	<b>64.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 618)				ITP Stops <sup>3</sup> (N = 186)			
Mean age				Mean age			
<b>34.88</b>				<b>35.17</b>			
Gender %				Gender %			
Female <b>40.7%</b>				Female <b>39.8%</b>			
Male <b>59.3%</b>				Male <b>60.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.5%</b>				Race % Mis/Unk <sup>4</sup> <b>4.3%</b>			
AA/Black <b>7.4%</b>				AA/Black <b>7.3%</b>			
Hispanic <b>9.9%</b>				Hispanic <b>6.7%</b>			
White <b>80.7%</b>				White <b>83.1%</b>			
Other <b>2.1%</b>				Other <b>2.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.4%</b>	<b>1.0%</b>	<b>6.4%</b>	AA/Black	<b>7.4%</b>	<b>14.4%</b>	<b>-7.0%</b>
Hispanic	<b>9.9%</b>	<b>3.3%</b>	<b>6.6%</b>	Hispanic	<b>9.9%</b>	<b>14.5%</b>	<b>-4.6%</b>
White	<b>80.7%</b>	<b>90.0%</b>	<b>-9.3%</b>	White	<b>80.7%</b>	<b>66.4%</b>	<b>14.3%</b>
Other	<b>2.1%</b>	<b>5.8%</b>	<b>-3.7%</b>	Other	<b>2.1%</b>	<b>4.6%</b>	<b>-2.5%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	108	<b>14.1%</b>	<b>27.3%</b>	NW	26	<b>16.2%</b>	<b>17.6%</b>
White	452	<b>85.9%</b>	<b>72.7%</b>	White	130	<b>83.8%</b>	<b>82.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .819 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .448* sig.				Odds ratio Exp(B) <sup>7</sup> : .784 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.1%</b>	<b>18.2%</b>	<b>22.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>12.5%</b>	<b>32.8%</b>	<b>4.7%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>66.9%</b>	<b>16.8%</b>	<b>12.0%</b>	<b>4.3%</b>			
Other	<b>58.3%</b>	<b>16.7%</b>	<b>16.7%</b>	<b>8.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SPRINGFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>11,666</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>68.2%</b>	Citations per 1000	
	Passing through:	<b>31.8%</b>	18 + residents:	<b>101</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 10,833)				ITP Stops <sup>3</sup> (N = 3,481)			
Mean age				Mean age			
<b>36.71</b>				<b>36.7</b>			
Gender %				Gender %			
Female <b>39.5%</b>				Female <b>39.6%</b>			
Male <b>60.4%</b>				Male <b>60.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>27.6%</b>				AA/Black <b>26.7%</b>			
Hispanic <b>22.7%</b>				Hispanic <b>25.2%</b>			
White <b>48.3%</b>				White <b>46.8%</b>			
Other <b>1.4%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>27.6%</b>	<b>20.9%</b>	<b>6.7%</b>	AA/Black	<b>27.6%</b>	<b>14.4%</b>	<b>13.2%</b>
Hispanic	<b>22.7%</b>	<b>45.0%</b>	<b>-22.3%</b>	Hispanic	<b>22.7%</b>	<b>14.5%</b>	<b>8.2%</b>
White	<b>48.3%</b>	<b>31.2%</b>	<b>17.1%</b>	White	<b>48.3%</b>	<b>66.4%</b>	<b>-18.1%</b>
Other	<b>1.4%</b>	<b>7.6%</b>	<b>-6.2%</b>	Other	<b>1.4%</b>	<b>4.6%</b>	<b>-3.2%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,753	<b>52.5%</b>	<b>53.9%</b>	NW	1,654	<b>53.9%</b>	<b>52.6%</b>
White	4,215	<b>47.5%</b>	<b>46.1%</b>	White	1,450	<b>46.1%</b>	<b>47.4%</b>
Chi-square, X-tab <sup>6</sup> :		.184	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.480	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.927	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.899	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>28.5%</b>	<b>11.5%</b>	<b>0.0%</b>	NW	<b>26</b>	<b>N/A</b>
Hispanic	<b>63.9%</b>	<b>34.1%</b>	<b>1.9%</b>	<b>0.1%</b>	White	<b>24</b>	<b>N/A</b>
White	<b>58.7%</b>	<b>30.5%</b>	<b>10.7%</b>	<b>0.0%</b>			
Other	<b>61.7%</b>	<b>35.1%</b>	<b>3.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
STERLING POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>433</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.0%</b>	Citations per 1000	
	Passing through:	<b>75.0%</b>	18 + residents:	<b>69</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 405)				ITP Stops <sup>3</sup> (N = 196)			
Mean age				Mean age			
<b>35.96</b>				<b>38.4</b>			
Gender %				Gender %			
Female <b>33.7%</b>				Female <b>38.4%</b>			
Male <b>66.1%</b>				Male <b>61.1%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.5%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>4.3%</b>				AA/Black <b>3.1%</b>			
Hispanic <b>8.9%</b>				Hispanic <b>9.4%</b>			
White <b>85.5%</b>				White <b>86.9%</b>			
Other <b>1.3%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>4.3%</b>	<b>1.3%</b>	<b>3.0%</b>	AA/Black	<b>4.3%</b>	<b>14.4%</b> <b>-10.1%</b>
Hispanic	<b>8.9%</b>	<b>5.1%</b>	<b>3.8%</b>	Hispanic	<b>8.9%</b>	<b>14.5%</b> <b>-5.6%</b>
White	<b>85.5%</b>	<b>92.4%</b>	<b>-6.9%</b>	White	<b>85.5%</b>	<b>66.4%</b> <b>19.1%</b>
Other	<b>1.3%</b>	<b>1.5%</b>	<b>-0.2%</b>	Other	<b>1.3%</b>	<b>4.6%</b> <b>-3.3%</b>

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

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	56	<b>13.5%</b>	<b>19.6%</b>	NW	25	<b>10.1%</b>	<b>20.9%</b>	NW	25	<b>10.1%</b>	<b>20.9%</b>
White	307	<b>86.5%</b>	<b>80.4%</b>	White	151	<b>89.9%</b>	<b>79.1%</b>	White	151	<b>89.9%</b>	<b>79.1%</b>
Chi-square, X-tab <sup>6</sup> : .137 not sig.				Chi-square, X-tab <sup>6</sup> : .046* sig.				Chi-square, X-tab <sup>6</sup> : .046* sig.			
Odds ratio Exp(B) <sup>7</sup> : .574 not sig.				Odds ratio Exp(B) <sup>7</sup> : .279* sig.				Odds ratio Exp(B) <sup>7</sup> : .279* sig.			

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.6%</b>	<b>16.7%</b>	<b>27.8%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>40.5%</b>	<b>16.2%</b>	<b>43.2%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>68.3%</b>	<b>15.4%</b>	<b>14.0%</b>	<b>2.2%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .002* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
STOCKBRIDGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>707</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.8%</b>	Citations per 1000	
	Passing through:	<b>93.2%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 676)				ITP Stops <sup>3</sup> (N = 245)			
Mean age				Mean age			
<b>45.73</b>				<b>42.15</b>			
Gender %				Gender %			
Female		<b>44.7%</b>		Female		<b>38.4%</b>	
Male		<b>55.1%</b>		Male		<b>61.2%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.4%</b>	
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black		<b>4.3%</b>		AA/Black		<b>5.8%</b>	
Hispanic		<b>1.6%</b>		Hispanic		<b>2.9%</b>	
White		<b>92.8%</b>		White		<b>90.5%</b>	
Other		<b>1.2%</b>		Other		<b>0.8%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.3%</b>	<b>14.4%</b>	<b>-10.1%</b>
Hispanic	<b>1.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>1.6%</b>	<b>14.5%</b>	<b>-12.9%</b>
White	<b>92.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>92.8%</b>	<b>66.4%</b>	<b>26.4%</b>
Other	<b>1.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.2%</b>	<b>4.6%</b>	<b>-3.4%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	43	<b>5.5%</b>	<b>12.2%</b>	NW	19	<b>6.5%</b>	<b>16.7%</b>
White	576	<b>94.5%</b>	<b>87.8%</b>	White	190	<b>93.5%</b>	<b>83.3%</b>
Chi-square, X-tab <sup>6</sup> :		.008*	sig.	Chi-square, X-tab <sup>6</sup> :		.025*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.526	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.877	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.6%</b>	<b>30.3%</b>	<b>9.1%</b>	<b>3.0%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>58.8%</b>	<b>0.0%</b>	<b>35.3%</b>	<b>5.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>87.2%</b>	<b>8.3%</b>	<b>4.2%</b>	<b>0.3%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>12.5%</b>	<b>12.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
STONEHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>414</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>29.5%</b>	Citations per 1000			
	Passing through:		<b>70.5%</b>	18 + residents: <b>20.7</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 397)</b>				<b>ITP Stops<sup>3</sup> (N = 127)</b>			
Mean age				Mean age			
<b>41.64</b>				<b>41.98</b>			
Gender %				Gender %			
Female		<b>34.3%</b>		Female		<b>27.0%</b>	
Male		<b>65.7%</b>		Male		<b>73.0%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup> <b>5.5%</b>		Race %		Mis/Unk <sup>4</sup> <b>2.4%</b>	
AA/Black		<b>6.9%</b>		AA/Black		<b>4.0%</b>	
Hispanic		<b>2.4%</b>		Hispanic		<b>0.8%</b>	
White		<b>88.0%</b>		White		<b>90.3%</b>	
Other		<b>2.7%</b>		Other		<b>4.8%</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>3.0%</b>	<b>3.9%</b>	AA/Black	<b>6.9%</b>	<b>14.4%</b>	<b>-7.5%</b>
Hispanic	<b>2.4%</b>	<b>3.3%</b>	<b>-0.9%</b>	Hispanic	<b>2.4%</b>	<b>14.5%</b>	<b>-12.1%</b>
White	<b>88.0%</b>	<b>87.7%</b>	<b>0.3%</b>	White	<b>88.0%</b>	<b>66.4%</b>	<b>21.6%</b>
Other	<b>2.7%</b>	<b>5.6%</b>	<b>-2.9%</b>	Other	<b>2.7%</b>	<b>4.6%</b>	<b>-1.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	41	<b>11.5%</b>	<b>13.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	298	<b>88.5%</b>	<b>86.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.573	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.792	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.6%</b>	<b>0.0%</b>	<b>17.9%</b>	<b>3.6%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>54.4%</b>	<b>0.0%</b>	<b>45.5%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>83.1%</b>	<b>4.5%</b>	<b>11.3%</b>	<b>1.2%</b>			
Other	<b>91.7%</b>	<b>0.0%</b>	<b>8.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.075	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
STOUGHTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,572</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.6%</b>	Citations per 1000	
	Passing through:	<b>71.4%</b>	18 + residents:	<b>67.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,384)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 5.9%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .121 not sig.				Chi-square, X-tab <sup>6</sup> : .773 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .813 not sig.				Odds ratio Exp(B) <sup>7</sup> : .847 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	62.7%	16.5%	19.5%	1.3%	NW	2	
Hispanic	45.2%	23.3%	26.0%	5.5%	White	4	
White	65.1%	17.0%	15.5%	2.4%			
Other	68.9%	22.2%	8.9%	0.0%			
Chi-square, X-tab <sup>6</sup> : .009* sig.						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT STOW POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>435</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.0%</b>	Citations per 1000	
	Passing through:	<b>78.0%</b>	18 + residents:	<b>81.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 422)				ITP Stops <sup>3</sup> (N = 212)			
Mean age				Mean age			
<b>40.26</b>				<b>41.59</b>			
Gender %				Gender %			
Female <b>33.8%</b>				Female <b>31.3%</b>			
Male <b>66.2%</b>				Male <b>68.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>2.4%</b>				<b>1.4%</b>	
AA/Black		<b>2.7%</b>		AA/Black		<b>1.0%</b>	
Hispanic		<b>4.9%</b>		Hispanic		<b>6.2%</b>	
White		<b>88.3%</b>		White		<b>91.9%</b>	
Other		<b>4.1%</b>		Other		<b>1.0%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.7%</b>	<b>0.0%</b>	<b>2.7%</b>	AA/Black	<b>2.7%</b>	<b>14.4%</b>	<b>-11.7%</b>
Hispanic	<b>4.9%</b>	<b>2.9%</b>	<b>2.0%</b>	Hispanic	<b>4.9%</b>	<b>14.5%</b>	<b>-9.6%</b>
White	<b>88.3%</b>	<b>88.4%</b>	<b>-0.1%</b>	White	<b>88.3%</b>	<b>66.4%</b>	<b>21.9%</b>
Other	<b>4.1%</b>	<b>5.7%</b>	<b>-1.6%</b>	Other	<b>4.1%</b>	<b>4.6%</b>	<b>-0.5%</b>

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

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	46	<b>11.9%</b>	<b>11.2%</b>	NW	15	<b>5.7%</b>	<b>10.2%</b>
White	349	<b>88.1%</b>	<b>88.8%</b>	White	178	<b>94.3%</b>	<b>89.8%</b>
Chi-square, X-tab <sup>6</sup> :		.829	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.243	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.958	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.695	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>90.9%</b>	<b>9.1%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>59.1%</b>	<b>9.1%</b>	<b>27.3%</b>	<b>4.5%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>86.9%</b>	<b>5.3%</b>	<b>7.0%</b>	<b>0.8%</b>			
Other	<b>76.5%</b>	<b>11.8%</b>	<b>11.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.024* <i>sig.</i>					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
STURBRIDGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,350</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.9%</b>	Citations per 1000	
	Passing through:	<b>86.1%</b>	18 + residents:	<b>466.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,238)				ITP Stops <sup>3</sup> (N = 1,076)			
Mean age				Mean age			
<b>36.78</b>				<b>37.17</b>			
Gender %				Gender %			
Female <b>38.2%</b>				Female <b>39.4%</b>			
Male <b>61.7%</b>				Male <b>60.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>7.6%</b>				AA/Black <b>6.2%</b>			
Hispanic <b>12.4%</b>				Hispanic <b>13.3%</b>			
White <b>77.4%</b>				White <b>78.8%</b>			
Other <b>2.6%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.6%</b>	<b>0.8%</b>	<b>6.8%</b>	AA/Black	<b>7.6%</b>	<b>14.4%</b>	<b>-6.8%</b>
Hispanic	<b>12.4%</b>	<b>3.0%</b>	<b>9.4%</b>	Hispanic	<b>12.4%</b>	<b>14.5%</b>	<b>-2.1%</b>
White	<b>77.4%</b>	<b>92.2%</b>	<b>-14.8%</b>	White	<b>77.4%</b>	<b>66.4%</b>	<b>11.0%</b>
Other	<b>2.6%</b>	<b>3.4%</b>	<b>-0.8%</b>	Other	<b>2.6%</b>	<b>4.6%</b>	<b>-2.0%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	684	<b>17.9%</b>	<b>30.8%</b>	NW	200	<b>20.9%</b>	<b>21.9%</b>
White	2,316	<b>82.1%</b>	<b>69.2%</b>	White	738	<b>79.1%</b>	<b>78.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .704 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .516* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.110 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.5%</b>	<b>13.8%</b>	<b>20.9%</b>	<b>2.8%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>63.0%</b>	<b>10.3%</b>	<b>24.5%</b>	<b>2.2%</b>	White	<b>14</b>	<b>N/A</b>
White	<b>82.0%</b>	<b>9.2%</b>	<b>7.3%</b>	<b>1.5%</b>			
Other	<b>65.1%</b>	<b>27.7%</b>	<b>7.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SUDBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,507</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.6%</b>	Citations per 1000	
	Passing through:	<b>70.4%</b>	18 + residents:	<b>106.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,473)				ITP Stops <sup>3</sup> (N = 677)			
Mean age				Mean age			
<b>39.91</b>				<b>41.63</b>			
Gender %				Gender %			
Female <b>38.5%</b>				Female <b>35.3%</b>			
Male <b>61.5%</b>				Male <b>64.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>8.9%</b>				AA/Black <b>8.1%</b>			
Hispanic <b>12.3%</b>				Hispanic <b>11.2%</b>			
White <b>72.9%</b>				White <b>74.1%</b>			
Other <b>5.9%</b>				Other <b>6.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.9%</b>	<b>1.8%</b>	<b>7.1%</b>	AA/Black	<b>8.9%</b>	<b>14.4%</b>	<b>-5.5%</b>
Hispanic	<b>12.3%</b>	<b>2.5%</b>	<b>9.8%</b>	Hispanic	<b>12.3%</b>	<b>14.5%</b>	<b>-2.2%</b>
White	<b>72.9%</b>	<b>82.5%</b>	<b>-9.6%</b>	White	<b>72.9%</b>	<b>66.4%</b>	<b>6.5%</b>
Other	<b>5.9%</b>	<b>13.3%</b>	<b>-7.4%</b>	Other	<b>5.9%</b>	<b>4.6%</b>	<b>1.3%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	360	<b>22.4%</b>	<b>32.7%</b>	NW	149	<b>20.5%</b>	<b>30.4%</b>
White	998	<b>77.6%</b>	<b>67.3%</b>	White	450	<b>79.5%</b>	<b>69.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .005* sig.			
Odds ratio Exp(B) <sup>7</sup> : .578* sig.				Odds ratio Exp(B) <sup>7</sup> : .514* sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.6%</b>	<b>13.3%</b>	<b>9.6%</b>	<b>1.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>66.5%</b>	<b>10.3%</b>	<b>21.1%</b>	<b>2.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>87.2%</b>	<b>9.0%</b>	<b>3.2%</b>	<b>0.6%</b>			
Other	<b>91.9%</b>	<b>5.8%</b>	<b>2.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SUNDERLAND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>439</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>12.2%</b>	Citations per 1000			
	Passing through:		<b>87.8%</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 419)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>38.06</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>51.8%</b>		Female		<b>N/A</b>	
Male		<b>48.2%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>1.7%</b>				<b>N/A</b>	
AA/Black		<b>5.3%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>1.2%</b>		Hispanic		<b>N/A</b>	
White		<b>90.8%</b>		White		<b>N/A</b>	
Other		<b>2.7%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>5.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.3%</b>	<b>14.4%</b>	<b>-9.1%</b>
Hispanic	<b>1.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>1.2%</b>	<b>14.5%</b>	<b>-13.3%</b>
White	<b>90.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>90.8%</b>	<b>66.4%</b>	<b>24.4%</b>
Other	<b>2.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.7%</b>	<b>4.6%</b>	<b>-1.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>9.1%</b>	<b>9.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	344	<b>90.9%</b>	<b>90.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.835	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.829	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.0%</b>	<b>4.0%</b>	<b>12.0%</b>	<b>12.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>16.7%</b>	<b>33.3%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>9</b>	<b>N/A</b>
White	<b>71.7%</b>	<b>10.0%</b>	<b>17.0%</b>	<b>1.3%</b>			
Other	<b>72.7%</b>	<b>18.2%</b>	<b>9.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.002*	sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SUTTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>909</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.2%</b>	Citations per 1000	
	Passing through:	<b>92.8%</b>	18 + residents:	<b>124.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 859)				ITP Stops <sup>3</sup> (N = 287)			
Mean age				Mean age			
<b>34.18</b>				<b>34.55</b>			
Gender %				Gender %			
Female <b>29.6%</b>				Female <b>26.2%</b>			
Male <b>70.4%</b>				Male <b>73.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>9.6%</b>				AA/Black <b>8.5%</b>			
Hispanic <b>12.0%</b>				Hispanic <b>10.6%</b>			
White <b>77.1%</b>				White <b>80.3%</b>			
Other <b>1.3%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.6%</b>	<b>2.2%</b>	<b>7.4%</b>	AA/Black	<b>9.6%</b>	<b>14.4%</b>	<b>-4.8%</b>
Hispanic	<b>12.0%</b>	<b>1.6%</b>	<b>10.4%</b>	Hispanic	<b>12.0%</b>	<b>14.5%</b>	<b>-2.5%</b>
White	<b>77.1%</b>	<b>92.3%</b>	<b>-15.2%</b>	White	<b>77.1%</b>	<b>66.4%</b>	<b>10.7%</b>
Other	<b>1.3%</b>	<b>3.8%</b>	<b>-2.5%</b>	Other	<b>1.3%</b>	<b>4.6%</b>	<b>-3.3%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	173	<b>20.5%</b>	<b>26.5%</b>	NW	43	<b>15.6%</b>	<b>20.2%</b>
White	599	<b>79.5%</b>	<b>73.5%</b>	White	206	<b>84.4%</b>	<b>79.8%</b>
Chi-square, X-tab <sup>6</sup> : .061 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .357 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .700 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .694 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>32.2%</b>	<b>25.3%</b>	<b>36.8%</b>	<b>5.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>33.0%</b>	<b>16.0%</b>	<b>41.5%</b>	<b>9.4%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>47.6%</b>	<b>22.1%</b>	<b>23.1%</b>	<b>7.2%</b>			
Other	<b>36.4%</b>	<b>18.2%</b>	<b>45.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SWAMPSCOTT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,444</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.7%</b>	Citations per 1000	
	Passing through:	<b>80.3%</b>	18 + residents:	<b>121.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,415)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	14.2%	1.5%	12.7%	AA/Black	14.2%	-0.2%
Hispanic	21.1%	2.5%	18.6%	Hispanic	21.1%	6.6%
White	61.0%	91.7%	-30.7%	White	61.0%	-5.4%
Other	3.7%	4.3%	-0.6%	Other	3.7%	-0.9%

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .096 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .326* sig.				Odds ratio Exp(B) <sup>7</sup> : .525* sig.			

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

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SWANSEA POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,848</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.5%</b>	Citations per 1000	
	Passing through:	<b>71.5%</b>	18 + residents:	<b>133.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,628)				ITP Stops <sup>3</sup> (N = 702)			
Mean age				Mean age			
<b>38.22</b>				<b>37.51</b>			
Gender %				Gender %			
Female <b>39.9%</b>				Female <b>37.3%</b>			
Male <b>60.1%</b>				Male <b>62.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>4.7%</b>				AA/Black <b>4.2%</b>			
Hispanic <b>2.2%</b>				Hispanic <b>1.9%</b>			
White <b>92.1%</b>				White <b>92.8%</b>			
Other <b>1.1%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.7%</b>	<b>0.2%</b>	<b>4.5%</b>	AA/Black	<b>4.7%</b>	<b>14.4%</b>	<b>-9.7%</b>
Hispanic	<b>2.2%</b>	<b>0.5%</b>	<b>1.7%</b>	Hispanic	<b>2.2%</b>	<b>14.5%</b>	<b>-12.3%</b>
White	<b>92.1%</b>	<b>96.4%</b>	<b>-4.3%</b>	White	<b>92.1%</b>	<b>66.4%</b>	<b>25.7%</b>
Other	<b>1.1%</b>	<b>2.8%</b>	<b>-1.7%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

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

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	123	<b>6.2%</b>	<b>11.5%</b>	NW	46	<b>6.9%</b>	<b>7.7%</b>	NW	46	<b>6.9%</b>	<b>7.7%</b>
White	1,429	<b>93.8%</b>	<b>88.5%</b>	White	599	<b>93.1%</b>	<b>92.3%</b>	White	599	<b>93.1%</b>	<b>92.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .710 not sig.				Chi-square, X-tab <sup>6</sup> : .710 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .481* sig.				Odds ratio Exp(B) <sup>7</sup> : .590 not sig.				Odds ratio Exp(B) <sup>7</sup> : .590 not sig.			

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.5%</b>	<b>3.4%</b>	<b>22.7%</b>	<b>3.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>57.1%</b>	<b>9.5%</b>	<b>33.3%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>87.5%</b>	<b>5.2%</b>	<b>6.1%</b>	<b>1.2%</b>			
Other	<b>91.3%</b>	<b>4.3%</b>	<b>4.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TAUNTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>679</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>46.5%</b>	Citations per 1000	
	Passing through:	<b>53.5%</b>	18 + residents:	<b>15.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 531)				ITP Stops <sup>3</sup> (N = 132)			
Mean age				Mean age			
<b>35.54</b>				<b>36.5</b>			
Gender %				Gender %			
Female <b>35.6%</b>				Female <b>33.6%</b>			
Male <b>64.2%</b>				Male <b>66.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>4.5%</b>			
AA/Black <b>20.2%</b>				AA/Black <b>20.6%</b>			
Hispanic <b>1.0%</b>				Hispanic <b>1.6%</b>			
White <b>78.8%</b>				White <b>77.8%</b>			
Other <b>0.0%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.2%</b>	<b>8.8%</b>	<b>11.4%</b>	AA/Black	<b>20.2%</b>	<b>14.4%</b>	<b>5.8%</b>
Hispanic	<b>1.0%</b>	<b>9.0%</b>	<b>-8.0%</b>	Hispanic	<b>1.0%</b>	<b>14.5%</b>	<b>-13.5%</b>
White	<b>78.8%</b>	<b>75.0%</b>	<b>3.8%</b>	White	<b>78.8%</b>	<b>66.4%</b>	<b>12.4%</b>
Other	<b>0.0%</b>	<b>5.9%</b>	<b>-5.9%</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	99	<b>20.6%</b>	<b>23.6%</b>	NW	27	<b>26.2%</b>	<b>20.0%</b>
White	352	<b>79.4%</b>	<b>76.4%</b>	White	88	<b>73.8%</b>	<b>80.0%</b>
Chi-square, X-tab <sup>6</sup> : .447 not sig.				Chi-square, X-tab <sup>6</sup> : .440 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .793 not sig.				Odds ratio Exp(B) <sup>7</sup> : 2.375 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>46.5%</b>	<b>12.4%</b>	<b>37.2%</b>	<b>3.9%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>27.3%</b>	<b>72.7%</b>	<b>0.0%</b>	White	<b>14</b>	<b>N/A</b>
White	<b>50.1%</b>	<b>13.6%</b>	<b>29.9%</b>	<b>6.5%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .010* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TEMPLETON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>567</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>10.8%</b>	Citations per 1000		
	Passing through:		<b>89.2%</b>	18 + residents:		<b>87</b>
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 535)</b>			<b>ITP Stops<sup>3</sup> (N = 220)</b>			
Mean age			Mean age			
<b>35.17</b>			<b>36.69</b>			
Gender %			Gender %			
Female <b>39.9%</b>			Female <b>37.4%</b>			
Male <b>60.1%</b>			Male <b>62.6%</b>			
Non-binary <b>0.0%</b>			Non-binary <b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>	Race %		Mis/Unk <sup>4</sup>	
AA/Black <b>2.9%</b>		<b>2.4%</b>	AA/Black <b>1.9%</b>		<b>2.3%</b>	
Hispanic <b>2.5%</b>			Hispanic <b>3.3%</b>			
White <b>94.3%</b>			White <b>94.4%</b>			
Other <b>0.4%</b>			Other <b>0.5%</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg % Dif
AA/Black	<b>2.9%</b>	<b>0.0%</b>	<b>2.9%</b>	AA/Black	<b>2.9%</b>	<b>14.4%</b> <b>-11.5%</b>
Hispanic	<b>2.5%</b>	<b>2.9%</b>	<b>-0.4%</b>	Hispanic	<b>2.5%</b>	<b>14.5%</b> <b>-12.0%</b>
White	<b>94.3%</b>	<b>94.6%</b>	<b>-0.3%</b>	White	<b>94.3%</b>	<b>66.4%</b> <b>27.9%</b>
Other	<b>0.4%</b>	<b>2.5%</b>	<b>-2.1%</b>	Other	<b>0.4%</b>	<b>4.6%</b> <b>-4.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	30	<b>5.7%</b>	<b>7.5%</b>	NW	N/A	<b>N/A</b> <b>N/A</b>
White	461	<b>94.3%</b>	<b>92.5%</b>	White	N/A	<b>N/A</b> <b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.465	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		.642	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	<b>50.0%</b>	<b>18.8%</b>	<b>31.3%</b>	<b>0.0%</b>	NW	<b>0</b> <b>N/A</b>
Hispanic	<b>33.3%</b>	<b>26.7%</b>	<b>40.0%</b>	<b>0.0%</b>	White	<b>6</b> <b>N/A</b>
White	<b>67.3%</b>	<b>16.5%</b>	<b>13.1%</b>	<b>3.1%</b>		
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts Percent
Chi-square, X-tab <sup>6</sup> :		.042*	sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TEWKSBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>4,373</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.3%</b>	Citations per 1000	
	Passing through:	<b>71.7%</b>	18 + residents:	<b>174</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,218)				ITP Stops <sup>3</sup> (N = 1,120)			
Mean age				Mean age			
<b>39.08</b>				<b>40.16</b>			
Gender %				Gender %			
Female <b>40.5%</b>				Female <b>35.9%</b>			
Male <b>59.4%</b>				Male <b>64.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>8.5%</b>				AA/Black <b>8.1%</b>			
Hispanic <b>11.4%</b>				Hispanic <b>9.8%</b>			
White <b>75.3%</b>				White <b>77.0%</b>			
Other <b>4.9%</b>				Other <b>5.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.5%</b>	<b>2.4%</b>	<b>6.1%</b>	AA/Black	<b>8.5%</b>	<b>14.4%</b>	<b>-5.9%</b>
Hispanic	<b>11.4%</b>	<b>2.2%</b>	<b>9.2%</b>	Hispanic	<b>11.4%</b>	<b>14.5%</b>	<b>-3.1%</b>
White	<b>75.3%</b>	<b>90.1%</b>	<b>-14.8%</b>	White	<b>75.3%</b>	<b>66.4%</b>	<b>8.9%</b>
Other	<b>4.9%</b>	<b>5.2%</b>	<b>-0.3%</b>	Other	<b>4.9%</b>	<b>4.6%</b>	<b>0.3%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	966	<b>21.4%</b>	<b>33.4%</b>	NW	218	<b>22.0%</b>	<b>22.4%</b>
White	2,980	<b>78.6%</b>	<b>66.6%</b>	White	765	<b>78.0%</b>	<b>77.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .881 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .536* sig.				Odds ratio Exp(B) <sup>7</sup> : .920 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>88.4%</b>	<b>3.6%</b>	<b>6.3%</b>	<b>1.7%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>79.5%</b>	<b>7.1%</b>	<b>9.7%</b>	<b>3.7%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>87.9%</b>	<b>6.2%</b>	<b>3.3%</b>	<b>2.6%</b>			
Other	<b>91.4%</b>	<b>4.8%</b>	<b>3.3%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TISBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>233</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>44.7%</b>	Citations per 1000			
	Passing through:		<b>55.3%</b>	18 + residents: <b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup></b>			<b>(N = 197)</b>				
Mean age			Mean age				
<b>38.65</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>34.9%</b>			Female <b>N/A</b>				
Male <b>65.1%</b>			Male <b>N/A</b>				
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>6.3%</b>			AA/Black <b>N/A</b>				
Hispanic <b>0.5%</b>			Hispanic <b>N/A</b>				
White <b>91.7%</b>			White <b>N/A</b>				
Other <b>1.6%</b>			Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.3%</b>	<b>14.4%</b>	<b>-8.1%</b>
Hispanic	<b>0.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.5%</b>	<b>14.5%</b>	<b>-14.0%</b>
White	<b>91.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>91.7%</b>	<b>66.4%</b>	<b>25.3%</b>
Other	<b>1.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.6%</b>	<b>4.6%</b>	<b>-3.0%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16	<b>9.7%</b>	<b>7.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	161	<b>90.3%</b>	<b>92.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :			.668	not sig.		Chi-square, X-tab <sup>6</sup> :	
Odds ratio Exp(B) <sup>7</sup> :			1.530	not sig.		Odds ratio Exp(B) <sup>7</sup> :	
				N/A		N/A	
				N/A		N/A	
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>28.6%</b>	<b>14.3%</b>	<b>50.0%</b>	<b>7.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>35.7%</b>	<b>14.5%</b>	<b>37.7%</b>	<b>12.1%</b>			
Other	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>33.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :			.526	not sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TOLLAND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>163</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		<b>3.7%</b>	Citations per 1000 18 + residents: <b>N/A</b>					
	Passing through:		<b>96.3%</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes									
<b>All Stops<sup>2</sup> (N = 161)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>					
Mean age				Mean age					
<b>40.84</b>				<b>N/A</b>					
Gender %				Gender %					
Female		<b>19.7%</b>		Female		<b>N/A</b>			
Male		<b>79.6%</b>		Male		<b>N/A</b>			
Non-binary		<b>0.6%</b>		Non-binary		<b>N/A</b>			
Race %		Mis/Unk <sup>4</sup> <b>4.3%</b>		Race %		Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black		<b>5.2%</b>		AA/Black		<b>N/A</b>			
Hispanic		<b>6.5%</b>		Hispanic		<b>N/A</b>			
White		<b>86.4%</b>		White		<b>N/A</b>			
Other		<b>1.9%</b>		Other		<b>N/A</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
<b>Comparative Analyses</b>									
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		<b>5.2%</b>	<b>N/A</b>	#VALUE!	AA/Black		<b>5.2%</b>	<b>14.4%</b>	<b>-9.2%</b>
Hispanic		<b>6.5%</b>	<b>N/A</b>	#VALUE!	Hispanic		<b>6.5%</b>	<b>14.5%</b>	<b>-8.0%</b>
White		<b>86.4%</b>	<b>N/A</b>	#VALUE!	White		<b>86.4%</b>	<b>66.4%</b>	<b>20.0%</b>
Other		<b>1.9%</b>	<b>N/A</b>	#VALUE!	Other		<b>1.9%</b>	<b>4.6%</b>	<b>-2.7%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
<b>VoD Analyses</b>									
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		N/A	<b>N/A</b>	<b>N/A</b>	NW		N/A	<b>N/A</b>	<b>N/A</b>
White		N/A	<b>N/A</b>	<b>N/A</b>	White		N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
<sup>7</sup> 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.									
<b>Citation Outcomes by Race<sup>8</sup></b>									
	Warning	Civil	Criminal	Arrest	NW	Search?			
AA/Black	<b>25.0%</b>	<b>12.5%</b>	<b>62.5%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>		
Hispanic	<b>20.0%</b>	<b>50.0%</b>	<b>30.0%</b>	<b>0.0%</b>		<b>3</b>	<b>N/A</b>		
White	<b>43.7%</b>	<b>44.4%</b>	<b>10.4%</b>	<b>1.5%</b>					
Other	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent		
Chi-square, X-tab <sup>6</sup> :		.012*	sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes									

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TOPSFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>648</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>132.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 632)				ITP Stops <sup>3</sup> (N = 312)			
Mean age				Mean age			
<b>40.27</b>				<b>41.36</b>			
Gender %				Gender %			
Female <b>34.6%</b>				Female <b>36.3%</b>			
Male <b>65.2%</b>				Male <b>63.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>4.3%</b>				AA/Black <b>3.3%</b>			
Hispanic <b>10.6%</b>				Hispanic <b>11.4%</b>			
White <b>83.5%</b>				White <b>84.0%</b>			
Other <b>1.6%</b>				Other <b>1.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>4.3%</b>	<b>0.1%</b>	<b>4.2%</b>	AA/Black	<b>4.3%</b>	<b>-10.1%</b>
Hispanic	<b>10.6%</b>	<b>1.7%</b>	<b>8.9%</b>	Hispanic	<b>10.6%</b>	<b>-3.9%</b>
White	<b>83.5%</b>	<b>94.8%</b>	<b>-11.3%</b>	White	<b>83.5%</b>	<b>17.1%</b>
Other	<b>1.6%</b>	<b>3.4%</b>	<b>-1.8%</b>	Other	<b>1.6%</b>	<b>-3.0%</b>

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	93	<b>13.8%</b>	<b>19.9%</b>	NW	41	<b>14.9%</b>	<b>15.1%</b>
White	495	<b>86.2%</b>	<b>80.1%</b>	White	233	<b>85.1%</b>	<b>84.9%</b>
Chi-square, X-tab <sup>6</sup> :		.055	not sig.	Chi-square, X-tab <sup>6</sup> :		.960	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.457*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.278	not sig.

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.1%</b>	<b>0.0%</b>	<b>22.2%</b>	<b>3.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>43.7%</b>	<b>8.5%</b>	<b>35.2%</b>	<b>12.7%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>79.1%</b>	<b>8.8%</b>	<b>7.9%</b>	<b>4.1%</b>			
Other	<b>90.0%</b>	<b>10.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TOWNSEND POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>267</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		<b>25.2%</b>	Citations per 1000 18 + residents:				<b>35.6</b>	
	Passing through:		<b>74.8%</b>						
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes									
<b>All Stops<sup>2</sup> (N = 242)</b>				<b>ITP Stops<sup>3</sup> (N = 119)</b>					
Mean age				Mean age					
<b>36</b>				<b>35.18</b>					
Gender %				Gender %					
Female		<b>35.5%</b>		Female		<b>31.1%</b>			
Male		<b>64.5%</b>		Male		<b>68.9%</b>			
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>	<b>1.7%</b>	Race %		Mis/Unk <sup>4</sup>	<b>1.7%</b>		
AA/Black		<b>3.8%</b>		AA/Black		<b>4.3%</b>			
Hispanic		<b>5.5%</b>		Hispanic		<b>3.4%</b>			
White		<b>90.3%</b>		White		<b>92.3%</b>			
Other		<b>0.4%</b>		Other		<b>0.0%</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
<b>Comparative Analyses</b>									
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>					
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif		
AA/Black		<b>3.8%</b>	<b>0.9%</b>	<b>2.9%</b>	AA/Black		<b>3.8%</b>	<b>14.4%</b>	<b>-10.6%</b>
Hispanic		<b>5.5%</b>	<b>3.2%</b>	<b>2.3%</b>	Hispanic		<b>5.5%</b>	<b>14.5%</b>	<b>-9.0%</b>
White		<b>90.3%</b>	<b>94.4%</b>	<b>-4.1%</b>	White		<b>90.3%</b>	<b>66.4%</b>	<b>23.9%</b>
Other		<b>0.4%</b>	<b>1.6%</b>	<b>-1.2%</b>	Other		<b>0.4%</b>	<b>4.6%</b>	<b>-4.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
<b>VoD Analyses</b>									
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>					
Race		N	Daylight	Darkness	Race		N	Daylight	Darkness
NW		21	<b>9.4%</b>	<b>10.0%</b>	NW		N/A	<b>N/A</b>	<b>N/A</b>
White		197	<b>90.6%</b>	<b>90.0%</b>	White		N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.889	<i>not sig.</i>		Chi-square, X-tab <sup>6</sup> :		N/A	<i>N/A</i>	
Odds ratio Exp(B) <sup>7</sup> :		1.214	<i>not sig.</i>		Odds ratio Exp(B) <sup>7</sup> :		N/A	<i>N/A</i>	
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone									
<sup>7</sup> 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.									
<b>Citation Outcomes by Race<sup>8</sup></b>									
		Warning	Civil	Criminal	Arrest		Search?		
AA/Black		<b>30.0%</b>	<b>40.0%</b>	<b>30.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>	
Hispanic		<b>33.3%</b>	<b>40.0%</b>	<b>26.7%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>	
White		<b>52.3%</b>	<b>29.5%</b>	<b>10.1%</b>	<b>8.0%</b>				
Other		<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts		Percent	
Chi-square, X-tab <sup>6</sup> :		.222	<i>not sig.</i>						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes									

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT TRURO POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>196</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		5.6%	Citations per 1000 18 + residents:		
	Passing through:		94.4%	N/A		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 177)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>		
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 <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>
		2.3%				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
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
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%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
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 <sup>6</sup> :		.743	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		1.126	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest		Search?
AA/Black	29.4%	41.2%	29.4%	0.0%	NW	0
Hispanic	25.0%	25.0%	50.0%	0.0%	White	1
White	42.5%	23.8%	26.9%	6.9%		
Other	0.0%	100.0%	0.0%	0.0%		
Chi-square, X-tab <sup>6</sup> :						Counts Percent
.008* sig.						
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TYNGSBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>310</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.8%</b>	Citations per 1000	
	Passing through:	<b>82.2%</b>	18 + residents:	<b>30.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 286)				ITP Stops <sup>3</sup> (N = 116)			
Mean age				Mean age			
<b>34.38</b>				<b>35.22</b>			
Gender %				Gender %			
Female <b>33.2%</b>				Female <b>37.9%</b>			
Male <b>66.8%</b>				Male <b>62.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.4%</b>			
AA/Black <b>8.0%</b>				AA/Black <b>7.1%</b>			
Hispanic <b>9.8%</b>				Hispanic <b>10.7%</b>			
White <b>74.2%</b>				White <b>73.2%</b>			
Other <b>8.0%</b>				Other <b>8.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.0%</b>	<b>0.9%</b>	<b>7.1%</b>	AA/Black	<b>8.0%</b>	<b>14.4%</b>	<b>-6.4%</b>
Hispanic	<b>9.8%</b>	<b>4.5%</b>	<b>5.3%</b>	Hispanic	<b>9.8%</b>	<b>14.5%</b>	<b>-4.7%</b>
White	<b>74.2%</b>	<b>83.6%</b>	<b>-9.4%</b>	White	<b>74.2%</b>	<b>66.4%</b>	<b>7.8%</b>
Other	<b>8.0%</b>	<b>10.9%</b>	<b>-2.9%</b>	Other	<b>8.0%</b>	<b>4.6%</b>	<b>3.4%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	65	<b>23.8%</b>	<b>27.2%</b>	NW	27	<b>31.1%</b>	<b>18.6%</b>
White	190	<b>76.2%</b>	<b>72.8%</b>	White	77	<b>68.9%</b>	<b>81.4%</b>
Chi-square, X-tab <sup>6</sup> : .539 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .151 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .879 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 2.839 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.0%</b>	<b>18.5%</b>	<b>11.1%</b>	<b>7.4%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>53.6%</b>	<b>32.1%</b>	<b>3.6%</b>	<b>10.7%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>72.5%</b>	<b>12.8%</b>	<b>10.6%</b>	<b>4.1%</b>			
Other	<b>79.2%</b>	<b>12.5%</b>	<b>4.2%</b>	<b>4.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .175 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
UPTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,348</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.2%</b>	Citations per 1000	
	Passing through:	<b>88.8%</b>	18 + residents:	<b>222.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,291)				ITP Stops <sup>3</sup> (N = 580)			
Mean age				Mean age			
<b>36.98</b>				<b>36.98</b>			
Gender %				Gender %			
Female <b>33.8%</b>				Female <b>32.7%</b>			
Male <b>66.2%</b>				Male <b>67.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>6.1%</b>				AA/Black <b>4.7%</b>			
Hispanic <b>14.3%</b>				Hispanic <b>13.7%</b>			
White <b>73.4%</b>				White <b>76.7%</b>			
Other <b>6.2%</b>				Other <b>4.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.1%</b>	<b>7.6%</b>	<b>-1.5%</b>	AA/Black	<b>6.1%</b>	<b>14.4%</b>	<b>-8.3%</b>
Hispanic	<b>14.3%</b>	<b>3.6%</b>	<b>10.7%</b>	Hispanic	<b>14.3%</b>	<b>14.5%</b>	<b>-0.2%</b>
White	<b>73.4%</b>	<b>80.2%</b>	<b>-6.8%</b>	White	<b>73.4%</b>	<b>66.4%</b>	<b>7.0%</b>
Other	<b>6.2%</b>	<b>9.4%</b>	<b>-3.2%</b>	Other	<b>6.2%</b>	<b>4.6%</b>	<b>1.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	330	<b>25.8%</b>	<b>28.1%</b>	NW	124	<b>26.2%</b>	<b>22.3%</b>
White	889	<b>74.2%</b>	<b>71.9%</b>	White	393	<b>73.8%</b>	<b>77.7%</b>
Chi-square, X-tab <sup>6</sup> :		.369	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.296	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.876	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.162	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>67.5%</b>	<b>16.9%</b>	<b>13.3%</b>	<b>2.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>45.2%</b>	<b>15.6%</b>	<b>37.6%</b>	<b>1.6%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>73.5%</b>	<b>17.1%</b>	<b>7.0%</b>	<b>2.4%</b>			
Other	<b>74.1%</b>	<b>21.0%</b>	<b>4.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
UXBRIDGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>455</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.1%</b>	Citations per 1000	
	Passing through:	<b>70.9%</b>	18 + residents:	<b>40.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 402)				ITP Stops <sup>3</sup> (N = 162)			
Mean age				Mean age			
<b>37.06</b>				<b>36.37</b>			
Gender %				Gender %			
Female <b>37.3%</b>				Female <b>31.7%</b>			
Male <b>62.7%</b>				Male <b>68.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>8.9%</b>				AA/Black <b>6.9%</b>			
Hispanic <b>4.8%</b>				Hispanic <b>5.0%</b>			
White <b>84.7%</b>				White <b>87.4%</b>			
Other <b>1.5%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.9%</b>	<b>1.9%</b>	<b>7.0%</b>	AA/Black	<b>8.9%</b>	<b>14.4%</b>	<b>-5.5%</b>
Hispanic	<b>4.8%</b>	<b>1.7%</b>	<b>3.1%</b>	Hispanic	<b>4.8%</b>	<b>14.5%</b>	<b>-9.7%</b>
White	<b>84.7%</b>	<b>94.9%</b>	<b>-10.2%</b>	White	<b>84.7%</b>	<b>66.4%</b>	<b>18.3%</b>
Other	<b>1.5%</b>	<b>1.4%</b>	<b>0.1%</b>	Other	<b>1.5%</b>	<b>4.6%</b>	<b>-3.1%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	59	<b>14.8%</b>	<b>18.3%</b>	NW	20	<b>20.3%</b>	<b>9.3%</b>
White	309	<b>85.2%</b>	<b>81.7%</b>	White	119	<b>79.7%</b>	<b>90.7%</b>
Chi-square, X-tab <sup>6</sup> : .374 not sig.				Chi-square, X-tab <sup>6</sup> : .066 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .753 not sig.				Odds ratio Exp(B) <sup>7</sup> : 2.867 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>31.7%</b>	<b>14.6%</b>	<b>48.8%</b>	<b>4.9%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>26.1%</b>	<b>8.7%</b>	<b>52.2%</b>	<b>13.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>60.7%</b>	<b>12.0%</b>	<b>21.9%</b>	<b>5.3%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WAKEFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,140</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.1%</b>	Citations per 1000	
	Passing through:	<b>64.9%</b>	18 + residents:	<b>52.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,018)				ITP Stops <sup>3</sup> (N = 606)			
Mean age				Mean age			
<b>39.91</b>				<b>39.83</b>			
Gender %				Gender %			
Female		<b>39.0%</b>		Female		<b>39.4%</b>	
Male		<b>61.0%</b>		Male		<b>60.6%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black		<b>4.7%</b>		AA/Black		<b>4.2%</b>	
Hispanic		<b>3.3%</b>		Hispanic		<b>3.2%</b>	
White		<b>90.0%</b>		White		<b>90.5%</b>	
Other		<b>2.0%</b>		Other		<b>2.2%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.7%</b>	<b>1.8%</b>	<b>2.9%</b>	AA/Black	<b>4.7%</b>	<b>14.4%</b>	<b>-9.7%</b>
Hispanic	<b>3.3%</b>	<b>3.5%</b>	<b>-0.2%</b>	Hispanic	<b>3.3%</b>	<b>14.5%</b>	<b>-11.2%</b>
White	<b>90.0%</b>	<b>91.0%</b>	<b>-1.0%</b>	White	<b>90.0%</b>	<b>66.4%</b>	<b>23.6%</b>
Other	<b>2.0%</b>	<b>3.8%</b>	<b>-1.8%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	95	<b>9.2%</b>	<b>11.8%</b>	NW	53	<b>9.5%</b>	<b>10.3%</b>
White	844	<b>90.8%</b>	<b>88.2%</b>	White	490	<b>90.5%</b>	<b>89.7%</b>
Chi-square, X-tab <sup>6</sup> :		.203	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.776	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.641	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.590	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>90.2%</b>	<b>3.9%</b>	<b>5.9%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>68.4%</b>	<b>5.3%</b>	<b>21.1%</b>	<b>5.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>88.7%</b>	<b>6.0%</b>	<b>2.9%</b>	<b>2.5%</b>			
Other	<b>90.5%</b>	<b>4.8%</b>	<b>4.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WALPOLE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,689</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.8%</b>	Citations per 1000	
	Passing through:	<b>74.2%</b>	18 + residents:	<b>143.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,645)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 3.1%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .035* sig.			
Odds ratio Exp(B) <sup>7</sup> : .493* sig.				Odds ratio Exp(B) <sup>7</sup> : .726 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WALTHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,509</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>42.5%</b>	Citations per 1000	
	Passing through:	<b>59.5%</b>	18 + residents:	<b>46.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,049)				ITP Stops <sup>3</sup> (N = 669)			
Mean age				Mean age			
<b>39.71</b>				<b>38.76</b>			
Gender %				Gender %			
Female <b>40.3%</b>				Female <b>42.8%</b>			
Male <b>59.6%</b>				Male <b>56.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>11.5%</b>				AA/Black <b>10.1%</b>			
Hispanic <b>8.6%</b>				Hispanic <b>8.8%</b>			
White <b>71.5%</b>				White <b>71.0%</b>			
Other <b>8.3%</b>				Other <b>10.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.5%</b>	<b>7.1%</b>	<b>4.4%</b>	AA/Black	<b>11.5%</b>	<b>14.4%</b>	<b>-2.9%</b>
Hispanic	<b>8.6%</b>	<b>13.6%</b>	<b>-5.0%</b>	Hispanic	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
White	<b>71.5%</b>	<b>65.9%</b>	<b>5.6%</b>	White	<b>71.5%</b>	<b>66.4%</b>	<b>5.1%</b>
Other	<b>8.3%</b>	<b>15.9%</b>	<b>-7.6%</b>	Other	<b>8.3%</b>	<b>4.6%</b>	<b>3.7%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	537	<b>27.7%</b>	<b>32.3%</b>	NW	172	<b>29.0%</b>	<b>27.0%</b>
White	1,366	<b>72.3%</b>	<b>67.7%</b>	White	431	<b>71.0%</b>	<b>73.0%</b>
Chi-square, X-tab <sup>6</sup> : .146 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .655 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .672* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .662 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.9%</b>	<b>5.4%</b>	<b>15.1%</b>	<b>1.6%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>65.9%</b>	<b>10.6%</b>	<b>23.4%</b>	<b>0.0%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>87.9%</b>	<b>6.6%</b>	<b>5.1%</b>	<b>0.4%</b>			
Other	<b>81.0%</b>	<b>16.4%</b>	<b>2.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WARE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>545</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>39.4%</b>	Citations per 1000	
	Passing through:	<b>60.6%</b>	18 + residents:	<b>70.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 520)				ITP Stops <sup>3</sup> (N = 191)			
Mean age				Mean age			
<b>36.26</b>				<b>35.1</b>			
Gender %				Gender %			
Female <b>33.7%</b>				Female <b>28.4%</b>			
Male <b>66.3%</b>				Male <b>71.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.1%</b>			
AA/Black <b>8.9%</b>				AA/Black <b>9.2%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>4.9%</b>			
White <b>83.8%</b>				White <b>84.9%</b>			
Other <b>0.6%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.9%</b>	<b>1.3%</b>	<b>7.6%</b>	AA/Black	<b>8.9%</b>	<b>14.4%</b>	<b>-5.5%</b>
Hispanic	<b>6.7%</b>	<b>7.7%</b>	<b>-1.0%</b>	Hispanic	<b>6.7%</b>	<b>14.5%</b>	<b>-7.8%</b>
White	<b>83.8%</b>	<b>89.3%</b>	<b>-5.5%</b>	White	<b>83.8%</b>	<b>66.4%</b>	<b>17.4%</b>
Other	<b>0.6%</b>	<b>2.6%</b>	<b>-2.0%</b>	Other	<b>0.6%</b>	<b>4.6%</b>	<b>-4.0%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	74	<b>14.4%</b>	<b>18.1%</b>	NW	25	<b>18.4%</b>	<b>10.9%</b>
White	386	<b>85.6%</b>	<b>81.9%</b>	White	137	<b>81.6%</b>	<b>89.1%</b>
Chi-square, X-tab <sup>6</sup> : .283 not sig.				Chi-square, X-tab <sup>6</sup> : .201 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .700 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.346 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>28.9%</b>	<b>13.3%</b>	<b>35.6%</b>	<b>22.2%</b>	NW	<b>0</b>	
Hispanic	<b>44.1%</b>	<b>8.8%</b>	<b>32.4%</b>	<b>14.7%</b>	White	<b>5</b>	
White	<b>46.1%</b>	<b>20.6%</b>	<b>18.6%</b>	<b>14.7%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> : .025* sig.						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WAREHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>457</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		<b>16.3%</b>	Citations per 1000		
	Passing through:		<b>83.7%</b>	18 + residents: <b>24.5</b>		
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 376)</b>			<b>ITP Stops<sup>3</sup> (N = 149)</b>			
Mean age			Mean age			
<b>38.29</b>			<b>38.39</b>			
Gender %			Gender %			
Female <b>30.2%</b>			Female <b>32.0%</b>			
Male <b>69.8%</b>			Male <b>68.0%</b>			
Non-binary <b>0.0%</b>			Non-binary <b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>	Race %		Mis/Unk <sup>4</sup>	
AA/Black		<b>17.0%</b>	AA/Black		<b>18.2%</b>	
Hispanic		<b>3.1%</b>	Hispanic		<b>4.2%</b>	
White		<b>78.8%</b>	White		<b>76.2%</b>	
Other		<b>1.1%</b>	Other		<b>1.4%</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
Motorist Race		City Dem	% Dif	Motorist Race		State Avg %Dif
AA/Black	<b>17.0%</b>	<b>2.7%</b>	<b>14.3%</b>	AA/Black	<b>17.0%</b>	<b>14.4%</b> <b>2.6%</b>
Hispanic	<b>3.1%</b>	<b>3.6%</b>	<b>-0.5%</b>	Hispanic	<b>3.1%</b>	<b>14.5%</b> <b>-11.4%</b>
White	<b>78.8%</b>	<b>84.5%</b>	<b>-5.7%</b>	White	<b>78.8%</b>	<b>66.4%</b> <b>12.4%</b>
Other	<b>1.1%</b>	<b>6.3%</b>	<b>-5.2%</b>	Other	<b>1.1%</b>	<b>4.6%</b> <b>-3.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
Race	N	Daylight	Darkness	Race	N	Daylight Darkness
NW	70	<b>18.8%</b>	<b>27.4%</b>	NW	32	<b>23.2%</b> <b>33.3%</b>
White	259	<b>81.2%</b>	<b>72.6%</b>	White	94	<b>76.8%</b> <b>66.7%</b>
Chi-square, X-tab <sup>6</sup> :		.085	not sig.	Chi-square, X-tab <sup>6</sup> :		.285 not sig.
Odds ratio Exp(B) <sup>7</sup> :		.577	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.410 not sig.
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>34.8%</b>	<b>20.3%</b>	<b>34.8%</b>	<b>10.1%</b>	NW	<b>1</b> <b>N/A</b>
Hispanic	<b>50.0%</b>	<b>16.7%</b>	<b>8.3%</b>	<b>25.0%</b>	White	<b>8</b> <b>N/A</b>
White	<b>43.1%</b>	<b>20.4%</b>	<b>26.1%</b>	<b>10.5%</b>		
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.201	not sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes						

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WARREN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>763</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.7%</b>	Citations per 1000	
	Passing through:	<b>77.3%</b>	18 + residents:	<b>188.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 750)				ITP Stops <sup>3</sup> (N = 371)			
Mean age				Mean age			
<b>35.66</b>				<b>35.51</b>			
Gender %				Gender %			
Female <b>34.2%</b>				Female <b>36.9%</b>			
Male <b>65.5%</b>				Male <b>62.8%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>3.0%</b>				AA/Black <b>2.2%</b>			
Hispanic <b>4.7%</b>				Hispanic <b>5.5%</b>			
White <b>91.6%</b>				White <b>92.3%</b>			
Other <b>0.7%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.0%</b>	<b>0.6%</b>	<b>2.4%</b>	AA/Black	<b>3.0%</b>	<b>14.4%</b>	<b>-11.4%</b>
Hispanic	<b>4.7%</b>	<b>1.2%</b>	<b>3.5%</b>	Hispanic	<b>4.7%</b>	<b>14.5%</b>	<b>-9.8%</b>
White	<b>91.6%</b>	<b>95.6%</b>	<b>-4.0%</b>	White	<b>91.6%</b>	<b>66.4%</b>	<b>25.2%</b>
Other	<b>0.7%</b>	<b>2.5%</b>	<b>-1.8%</b>	Other	<b>0.7%</b>	<b>4.6%</b>	<b>-3.9%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	53	<b>8.2%</b>	<b>8.5%</b>	NW	25	<b>7.2%</b>	<b>8.8%</b>
White	580	<b>91.8%</b>	<b>91.5%</b>	White	289	<b>92.8%</b>	<b>91.2%</b>
Chi-square, X-tab <sup>6</sup> :		.891	not sig.	Chi-square, X-tab <sup>6</sup> :		.588	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.047	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.335	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.3%</b>	<b>4.5%</b>	<b>18.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>79.4%</b>	<b>8.8%</b>	<b>11.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>82.7%</b>	<b>9.6%</b>	<b>7.2%</b>	<b>0.4%</b>			
Other	<b>40.0%</b>	<b>40.0%</b>	<b>20.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.227	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WARWICK POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>237</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>28.7%</b>			Citations per 1000			
	Passing through: <b>71.3%</b>			18 + residents: <b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 231)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>40.48</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>35.1%</b>				Female <b>N/A</b>			
Male <b>64.9%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>1.3%</b>				<b>N/A</b>	
AA/Black		<b>0.9%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>1.8%</b>		Hispanic		<b>N/A</b>	
White		<b>97.4%</b>		White		<b>N/A</b>	
Other		<b>0.0%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>0.9%</b>	<b>14.4%</b>	<b>-13.5%</b>
Hispanic	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>1.8%</b>	<b>14.5%</b>	<b>-12.7%</b>
White	<b>97.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>97.4%</b>	<b>66.4%</b>	<b>31.0%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>4.6%</b>	<b>-4.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>33.3%</b>	<b>16.7%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>60.2%</b>	<b>33.6%</b>	<b>6.2%</b>	<b>0.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .841 not sig.							
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WATERTOWN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>497</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>24.1%</b>	Citations per 1000			
	Passing through:		<b>75.9%</b>	18 + residents: <b>16.3</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 424)</b>			<b>ITP Stops<sup>3</sup> (N = 140)</b>				
Mean age			Mean age				
<b>37.67</b>			<b>37.04</b>				
Gender %			Gender %				
Female <b>35.9%</b>			Female <b>36.0%</b>				
Male <b>64.1%</b>			Male <b>64.0%</b>				
Non-binary <b>0.0%</b>			Non-binary <b>0.0%</b>				
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				
AA/Black <b>14.8%</b>			AA/Black <b>10.0%</b>				
Hispanic <b>12.6%</b>			Hispanic <b>9.3%</b>				
White <b>60.4%</b>			White <b>67.1%</b>				
Other <b>12.2%</b>			Other <b>13.6%</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.8%</b>	<b>1.6%</b>	<b>13.2%</b>	AA/Black	<b>14.8%</b>	<b>14.4%</b>	<b>0.4%</b>
Hispanic	<b>12.6%</b>	<b>9.2%</b>	<b>3.4%</b>	Hispanic	<b>12.6%</b>	<b>14.5%</b>	<b>-1.9%</b>
White	<b>60.4%</b>	<b>76.4%</b>	<b>-16.0%</b>	White	<b>60.4%</b>	<b>66.4%</b>	<b>-6.0%</b>
Other	<b>12.2%</b>	<b>12.7%</b>	<b>-0.5%</b>	Other	<b>12.2%</b>	<b>4.6%</b>	<b>7.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	151	<b>35.5%</b>	<b>44.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	249	<b>64.5%</b>	<b>55.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.103	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.802	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.4%</b>	<b>5.6%</b>	<b>21.1%</b>	<b>2.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>58.2%</b>	<b>10.4%</b>	<b>26.9%</b>	<b>4.5%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>75.3%</b>	<b>14.3%</b>	<b>8.3%</b>	<b>2.0%</b>			
Other	<b>75.5%</b>	<b>17.0%</b>	<b>5.7%</b>	<b>1.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WAYLAND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>209</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>13.5%</b>	Citations per 1000 18 + residents: <b>20.6</b>			
	Passing through:		<b>86.5%</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup></b> (N = 163)			<b>ITP Stops<sup>3</sup></b> (N = N/A)				
Mean age			Mean age				
<b>42.31</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>39.9%</b>			Female <b>N/A</b>				
Male <b>60.1%</b>			Male <b>N/A</b>				
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>				
Race %		Mis/Unk <sup>4</sup>	<b>6.7%</b>	Race %		Mis/Unk <sup>4</sup>	<b>N/A</b>
AA/Black			<b>5.3%</b>	AA/Black			<b>N/A</b>
Hispanic			<b>13.2%</b>	Hispanic			<b>N/A</b>
White			<b>70.4%</b>	White			<b>N/A</b>
Other			<b>11.1%</b>	Other			<b>N/A</b>
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.3%</b>	<b>0.7%</b>	<b>4.6%</b>	AA/Black	<b>5.3%</b>	<b>14.4%</b>	<b>-9.1%</b>
Hispanic	<b>13.2%</b>	<b>4.8%</b>	<b>8.4%</b>	Hispanic	<b>13.2%</b>	<b>14.5%</b>	<b>-1.3%</b>
White	<b>70.4%</b>	<b>79.6%</b>	<b>-9.2%</b>	White	<b>70.4%</b>	<b>66.4%</b>	<b>4.0%</b>
Other	<b>11.1%</b>	<b>15.0%</b>	<b>-3.9%</b>	Other	<b>11.1%</b>	<b>4.6%</b>	<b>6.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	38	<b>23.7%</b>	<b>45.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	100	<b>76.3%</b>	<b>54.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :			<b>.027* sig.</b>	Chi-square, X-tab <sup>6</sup> :			N/A N/A
Odds ratio Exp(B) <sup>7</sup> :			<b>.273* sig.</b>	Odds ratio Exp(B) <sup>7</sup> :			N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>29.4%</b>	<b>2.9%</b>	<b>64.7%</b>	<b>2.9%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>73.7%</b>	<b>8.8%</b>	<b>16.1%</b>	<b>1.5%</b>			
Other	<b>66.7%</b>	<b>11.1%</b>	<b>22.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :			<b>.000* sig.</b>				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WEBSTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,375</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>41.4%</b>	Citations per 1000	
	Passing through:	<b>58.6%</b>	18 + residents:	<b>101.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,290)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.3%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.020*	sig.	Chi-square, X-tab <sup>6</sup> :		.165	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.802	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.604	not sig.

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

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WELLESLEY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,329</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.6%</b>	Citations per 1000	
	Passing through:	<b>83.4%</b>	18 + residents:	<b>108.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,179)				ITP Stops <sup>3</sup> (N = 827)			
Mean age				Mean age			
<b>40.38</b>				<b>41.54</b>			
Gender %				Gender %			
Female <b>35.0%</b>				Female <b>37.5%</b>			
Male <b>64.9%</b>				Male <b>62.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>8.9%</b>				AA/Black <b>8.0%</b>			
Hispanic <b>8.5%</b>				Hispanic <b>7.1%</b>			
White <b>74.4%</b>				White <b>76.3%</b>			
Other <b>8.2%</b>				Other <b>8.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.9%</b>	<b>2.9%</b>	<b>6.0%</b>	AA/Black	<b>8.9%</b>	<b>14.4%</b>	<b>-5.5%</b>
Hispanic	<b>8.5%</b>	<b>5.1%</b>	<b>3.4%</b>	Hispanic	<b>8.5%</b>	<b>14.5%</b>	<b>-6.0%</b>
White	<b>74.4%</b>	<b>76.6%</b>	<b>-2.2%</b>	White	<b>74.4%</b>	<b>66.4%</b>	<b>8.0%</b>
Other	<b>8.2%</b>	<b>15.9%</b>	<b>-7.7%</b>	Other	<b>8.2%</b>	<b>4.6%</b>	<b>3.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	518	<b>22.6%</b>	<b>34.1%</b>	NW	173	<b>20.7%</b>	<b>28.0%</b>
White	1,521	<b>77.4%</b>	<b>65.9%</b>	White	575	<b>79.3%</b>	<b>72.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .025* sig.			
Odds ratio Exp(B) <sup>7</sup> : .555* sig.				Odds ratio Exp(B) <sup>7</sup> : .495* sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.2%</b>	<b>7.2%</b>	<b>10.1%</b>	<b>2.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>75.3%</b>	<b>13.9%</b>	<b>9.3%</b>	<b>1.5%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>84.9%</b>	<b>10.4%</b>	<b>3.6%</b>	<b>1.1%</b>			
Other	<b>82.1%</b>	<b>15.3%</b>	<b>1.1%</b>	<b>1.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WELLFLEET POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>570</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.3%</b>	Citations per 1000	
	Passing through:	<b>87.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 563)				ITP Stops <sup>3</sup> (N = 266)			
Mean age				Mean age			
<b>41.93</b>				<b>40.89</b>			
Gender %				Gender %			
Female		<b>35.5%</b>		Female		<b>36.1%</b>	
Male		<b>64.5%</b>		Male		<b>63.9%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>1.8%</b>				<b>1.5%</b>	
AA/Black		<b>9.8%</b>		AA/Black		<b>8.4%</b>	
Hispanic		<b>4.5%</b>		Hispanic		<b>5.0%</b>	
White		<b>83.4%</b>		White		<b>84.7%</b>	
Other		<b>2.4%</b>		Other		<b>1.9%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.8%</b>	<b>14.4%</b>	<b>-4.6%</b>
Hispanic	<b>4.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.5%</b>	<b>14.5%</b>	<b>-10.0%</b>
White	<b>83.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>83.4%</b>	<b>66.4%</b>	<b>17.0%</b>
Other	<b>2.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>

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

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	79	<b>14.8%</b>	<b>17.6%</b>	NW	32	<b>11.8%</b>	<b>19.6%</b>
White	434	<b>85.2%</b>	<b>82.4%</b>	White	206	<b>88.2%</b>	<b>80.4%</b>
Chi-square, X-tab <sup>6</sup> :		.477	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.146	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.826	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.816	<i>not sig.</i>

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

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>85.2%</b>	<b>5.6%</b>	<b>9.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>76.0%</b>	<b>8.0%</b>	<b>16.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>86.8%</b>	<b>6.4%</b>	<b>5.8%</b>	<b>1.1%</b>			
Other	<b>76.9%</b>	<b>23.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.203	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WENHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>267</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population		
	Intown motorist:		5.2%	Citations per 1000		
	Passing through:		94.8%	18 + residents:		60
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes						
<b>All Stops<sup>2</sup> (N = 251)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>		
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 <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>
		4.0%				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
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes						
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)						
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)						
<b>Comparative Analyses</b>						
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>		
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%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments						
<b>VoD Analyses</b>						
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>		
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 <sup>6</sup> :		.077	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A N/A
Odds ratio Exp(B) <sup>7</sup> :		.470	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone						
<sup>7</sup> 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.						
<b>Citation Outcomes by Race<sup>8</sup></b>						
	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 <sup>6</sup> :		.205	not sig.			
<sup>8</sup> 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 <sup>1</sup> : <b>299</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.7%</b>	Citations per 1000	
	Passing through:	<b>86.3%</b>	18 + residents:	<b>42.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 291)				ITP Stops <sup>3</sup> (N = 107)			
Mean age				Mean age			
<b>38.67</b>				<b>38.52</b>			
Gender %				Gender %			
Female <b>45.0%</b>				Female <b>46.7%</b>			
Male <b>55.0%</b>				Male <b>53.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>7.1%</b>				AA/Black <b>4.8%</b>			
Hispanic <b>11.7%</b>				Hispanic <b>11.4%</b>			
White <b>75.9%</b>				White <b>76.2%</b>			
Other <b>5.3%</b>				Other <b>7.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.1%</b>	<b>6.3%</b>	<b>0.8%</b>	AA/Black	<b>7.1%</b>	<b>14.4%</b>	<b>-7.3%</b>
Hispanic	<b>11.7%</b>	<b>12.3%</b>	<b>-0.6%</b>	Hispanic	<b>11.7%</b>	<b>14.5%</b>	<b>-2.8%</b>
White	<b>75.9%</b>	<b>79.4%</b>	<b>-3.5%</b>	White	<b>75.9%</b>	<b>66.4%</b>	<b>9.5%</b>
Other	<b>5.3%</b>	<b>3.9%</b>	<b>1.4%</b>	Other	<b>5.3%</b>	<b>4.6%</b>	<b>0.7%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	63	<b>24.3%</b>	<b>20.7%</b>	NW	20	<b>22.6%</b>	<b>18.8%</b>
White	205	<b>75.7%</b>	<b>79.3%</b>	White	74	<b>77.4%</b>	<b>81.3%</b>
Chi-square, X-tab <sup>6</sup> :		.568	not sig.	Chi-square, X-tab <sup>6</sup> :		.667	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.517	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.041	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.0%</b>	<b>5.0%</b>	<b>30.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>81.8%</b>	<b>6.1%</b>	<b>12.1%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>80.2%</b>	<b>7.2%</b>	<b>12.2%</b>	<b>0.5%</b>			
Other	<b>86.7%</b>	<b>13.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.477	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WEST BRIDGEWATER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,150</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.7%</b>	Citations per 1000	
	Passing through:	<b>93.3%</b>	18 + residents:	<b>373.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,111)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.5%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .964 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .630* sig.				Odds ratio Exp(B) <sup>7</sup> : .939 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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%			
Chi-square, X-tab <sup>6</sup> : .000* sig.							
					Counts	Percent	

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WEST BROOKFIELD POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>196</b>	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	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 177)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
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 <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		2.3%				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	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
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%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.743	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.126	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	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 <sup>6</sup> :		.008*	sig.				
<sup>8</sup> 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 <sup>1</sup> : <b>421</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.5%</b>	Citations per 1000	
	Passing through:	<b>79.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 409)				ITP Stops <sup>3</sup> (N = 184)			
Mean age				Mean age			
<b>36.06</b>				<b>36.81</b>			
Gender %				Gender %			
Female <b>31.6%</b>				Female <b>24.6%</b>			
Male <b>68.4%</b>				Male <b>75.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.7%</b>			
AA/Black <b>4.8%</b>				AA/Black <b>5.6%</b>			
Hispanic <b>11.3%</b>				Hispanic <b>9.5%</b>			
White <b>83.1%</b>				White <b>84.4%</b>			
Other <b>0.8%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.8%</b>	<b>14.4%</b>	<b>-9.6%</b>
Hispanic	<b>11.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
White	<b>83.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>83.1%</b>	<b>66.4%</b>	<b>16.7%</b>
Other	<b>0.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	62	<b>14.4%</b>	<b>20.4%</b>	NW	25	<b>12.7%</b>	<b>19.7%</b>
White	300	<b>85.6%</b>	<b>79.6%</b>	White	130	<b>87.3%</b>	<b>80.3%</b>
Chi-square, X-tab <sup>6</sup> : .131 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .231 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .615 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .518 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>26.3%</b>	<b>31.6%</b>	<b>36.8%</b>	<b>5.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>42.2%</b>	<b>28.9%</b>	<b>26.7%</b>	<b>2.2%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>47.7%</b>	<b>31.0%</b>	<b>18.1%</b>	<b>3.2%</b>			
Other	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>33.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .059 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WEST SPRINGFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,306</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.0%</b>	Citations per 1000	
	Passing through:	<b>74.0%</b>	18 + residents:	<b>57.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,226)				ITP Stops <sup>3</sup> (N = 397)			
Mean age				Mean age			
<b>35.41</b>				<b>34.05</b>			
Gender %				Gender %			
Female <b>40.9%</b>				Female <b>38.2%</b>			
Male <b>59.0%</b>				Male <b>61.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.3%</b>			
AA/Black <b>14.1%</b>				AA/Black <b>11.3%</b>			
Hispanic <b>10.5%</b>				Hispanic <b>17.5%</b>			
White <b>73.2%</b>				White <b>67.8%</b>			
Other <b>2.2%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.1%</b>	<b>3.2%</b>	<b>10.9%</b>	AA/Black	<b>14.1%</b>	<b>14.4%</b>	<b>-0.3%</b>
Hispanic	<b>10.5%</b>	<b>10.6%</b>	<b>-0.1%</b>	Hispanic	<b>10.5%</b>	<b>14.5%</b>	<b>-4.0%</b>
White	<b>73.2%</b>	<b>79.6%</b>	<b>-6.4%</b>	White	<b>73.2%</b>	<b>66.4%</b>	<b>6.8%</b>
Other	<b>2.2%</b>	<b>7.5%</b>	<b>-5.3%</b>	Other	<b>2.2%</b>	<b>4.6%</b>	<b>-2.4%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	253	<b>22.3%</b>	<b>35.4%</b>	NW	118	<b>32.6%</b>	<b>32.5%</b>
White	722	<b>77.7%</b>	<b>64.6%</b>	White	244	<b>67.4%</b>	<b>67.5%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.982	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.449*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.543	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.6%</b>	<b>19.0%</b>	<b>30.5%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>72.8%</b>	<b>24.8%</b>	<b>2.4%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>67.9%</b>	<b>16.6%</b>	<b>15.4%</b>	<b>0.1%</b>			
Other	<b>84.6%</b>	<b>11.5%</b>	<b>3.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>5,919</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.5%</b>	Citations per 1000	
	Passing through:	<b>80.5%</b>	18 + residents:	<b>416.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,839)				ITP Stops <sup>3</sup> (N = 1,832)			
Mean age				Mean age			
<b>39.08</b>				<b>38.77</b>			
Gender %				Gender %			
Female <b>38.5%</b>				Female <b>36.9%</b>			
Male <b>61.5%</b>				Male <b>63.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>10.5%</b>				AA/Black <b>8.7%</b>			
Hispanic <b>11.9%</b>				Hispanic <b>11.2%</b>			
White <b>66.9%</b>				White <b>66.0%</b>			
Other <b>10.7%</b>				Other <b>14.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>10.5%</b>	<b>1.9%</b>	<b>8.6%</b>	AA/Black	<b>10.5%</b>	<b>14.4%</b> <b>-3.9%</b>
Hispanic	<b>11.9%</b>	<b>6.2%</b>	<b>5.7%</b>	Hispanic	<b>11.9%</b>	<b>14.5%</b> <b>-2.6%</b>
White	<b>66.9%</b>	<b>65.0%</b>	<b>1.9%</b>	White	<b>66.9%</b>	<b>66.4%</b> <b>0.5%</b>
Other	<b>10.7%</b>	<b>27.0%</b>	<b>-16.3%</b>	Other	<b>10.7%</b>	<b>4.6%</b> <b>6.1%</b>

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,860	<b>27.1%</b>	<b>45.3%</b>	NW	554	<b>32.2%</b>	<b>37.3%</b>
White	3,761	<b>72.9%</b>	<b>54.7%</b>	White	1,085	<b>67.8%</b>	<b>62.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .045* sig.			
Odds ratio Exp(B) <sup>7</sup> : .466* sig.				Odds ratio Exp(B) <sup>7</sup> : .842 not sig.			

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>85.8%</b>	<b>6.1%</b>	<b>7.1%</b>	<b>1.0%</b>	NW	<b>78</b>	<b>38.8%</b>
Hispanic	<b>70.3%</b>	<b>10.4%</b>	<b>14.9%</b>	<b>4.4%</b>	White	<b>123</b>	<b>61.2%</b>
White	<b>89.6%</b>	<b>6.0%</b>	<b>3.4%</b>	<b>1.0%</b>			
Other	<b>93.1%</b>	<b>4.9%</b>	<b>1.6%</b>	<b>0.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,573</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>41.8%</b>	Citations per 1000	
	Passing through:	<b>58.2%</b>	18 + residents:	<b>105.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,046)				ITP Stops <sup>3</sup> (N = 877)			
Mean age				Mean age			
<b>35.85</b>				<b>34.94</b>			
Gender %				Gender %			
Female		<b>40.0%</b>		Female		<b>35.7%</b>	
Male		<b>59.9%</b>		Male		<b>64.2%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.1%</b>	
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black		<b>6.5%</b>		AA/Black		<b>6.5%</b>	
Hispanic		<b>7.4%</b>		Hispanic		<b>7.2%</b>	
White		<b>84.6%</b>		White		<b>84.5%</b>	
Other		<b>1.5%</b>		Other		<b>1.7%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.5%</b>	<b>1.6%</b>	<b>4.9%</b>	AA/Black	<b>6.5%</b>	<b>14.4%</b>	<b>-7.9%</b>
Hispanic	<b>7.4%</b>	<b>9.5%</b>	<b>-2.1%</b>	Hispanic	<b>7.4%</b>	<b>14.5%</b>	<b>-7.1%</b>
White	<b>84.6%</b>	<b>85.0%</b>	<b>-0.4%</b>	White	<b>84.6%</b>	<b>66.4%</b>	<b>18.2%</b>
Other	<b>1.5%</b>	<b>4.3%</b>	<b>-2.8%</b>	Other	<b>1.5%</b>	<b>4.6%</b>	<b>-3.1%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	435	<b>14.4%</b>	<b>18.1%</b>	NW	117	<b>15.4%</b>	<b>16.1%</b>
White	2,385	<b>85.6%</b>	<b>81.9%</b>	White	633	<b>84.7%</b>	<b>83.9%</b>
Chi-square, X-tab <sup>6</sup> :		.013*	sig.	Chi-square, X-tab <sup>6</sup> :		.796	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.762*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.856	not sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.5%</b>	<b>26.2%</b>	<b>10.4%</b>	<b>1.8%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>55.5%</b>	<b>37.1%</b>	<b>6.5%</b>	<b>0.8%</b>	White	<b>17</b>	<b>N/A</b>
White	<b>74.0%</b>	<b>21.2%</b>	<b>3.8%</b>	<b>1.0%</b>			
Other	<b>60.8%</b>	<b>31.4%</b>	<b>5.9%</b>	<b>2.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*		sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTFORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,466</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.7%</b>	Citations per 1000	
	Passing through:	<b>72.3%</b>	18 + residents:	<b>189.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,172)				ITP Stops <sup>3</sup> (N = 1,256)			
Mean age				Mean age			
<b>37.32</b>				<b>37.48</b>			
Gender %				Gender %			
Female <b>32.8%</b>				Female <b>31.2%</b>			
Male <b>67.1%</b>				Male <b>68.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>6.9%</b>				AA/Black <b>6.2%</b>			
Hispanic <b>1.7%</b>				Hispanic <b>1.9%</b>			
White <b>82.9%</b>				White <b>82.0%</b>			
Other <b>8.6%</b>				Other <b>10.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>6.9%</b>	<b>0.9%</b>	<b>6.0%</b>	AA/Black	<b>6.9%</b>	<b>14.4%</b> <b>-7.5%</b>
Hispanic	<b>1.7%</b>	<b>1.5%</b>	<b>0.2%</b>	Hispanic	<b>1.7%</b>	<b>14.5%</b> <b>-12.8%</b>
White	<b>82.9%</b>	<b>76.1%</b>	<b>6.8%</b>	White	<b>82.9%</b>	<b>66.4%</b> <b>16.5%</b>
Other	<b>8.6%</b>	<b>21.6%</b>	<b>-13.0%</b>	Other	<b>8.6%</b>	<b>4.6%</b> <b>4.0%</b>

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

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	502	<b>16.4%</b>	<b>18.0%</b>	NW	192	<b>18.9%</b>	<b>16.4%</b>	White	896	<b>81.1%</b>	<b>83.6%</b>
White	2,451	<b>83.6%</b>	<b>82.0%</b>	White	896	<b>81.1%</b>	<b>83.6%</b>	Chi-square, X-tab <sup>6</sup> :	.284	<i>not sig.</i>	
Chi-square, X-tab <sup>6</sup> : .284 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .831 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .274 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .831 <i>not sig.</i>								Odds ratio Exp(B) <sup>7</sup> : 1.032 <i>not sig.</i>			

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.1%</b>	<b>20.3%</b>	<b>9.3%</b>	<b>1.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>69.0%</b>	<b>15.5%</b>	<b>12.1%</b>	<b>3.4%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>72.1%</b>	<b>20.7%</b>	<b>6.4%</b>	<b>0.8%</b>			
Other	<b>75.9%</b>	<b>21.6%</b>	<b>2.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .008* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTMINSTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>818</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.0%</b>	Citations per 1000	
	Passing through:	<b>89.0%</b>	18 + residents:	<b>130</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 776)				ITP Stops <sup>3</sup> (N = 307)			
Mean age				Mean age			
<b>34.93</b>				<b>35.53</b>			
Gender %				Gender %			
Female <b>36.4%</b>				Female <b>34.6%</b>			
Male <b>63.3%</b>				Male <b>65.4%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>7.7%</b>				AA/Black <b>5.9%</b>			
Hispanic <b>7.0%</b>				Hispanic <b>4.9%</b>			
White <b>84.3%</b>				White <b>88.2%</b>			
Other <b>1.0%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.7%</b>	<b>0.0%</b>	<b>7.7%</b>	AA/Black	<b>7.7%</b>	<b>14.4%</b>	<b>-6.7%</b>
Hispanic	<b>7.0%</b>	<b>3.3%</b>	<b>3.7%</b>	Hispanic	<b>7.0%</b>	<b>14.5%</b>	<b>-7.5%</b>
White	<b>84.3%</b>	<b>96.2%</b>	<b>-11.9%</b>	White	<b>84.3%</b>	<b>66.4%</b>	<b>17.9%</b>
Other	<b>1.0%</b>	<b>0.4%</b>	<b>0.6%</b>	Other	<b>1.0%</b>	<b>4.6%</b>	<b>-3.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	113	<b>16.5%</b>	<b>14.7%</b>	NW	31	<b>14.6%</b>	<b>7.3%</b>
White	607	<b>83.5%</b>	<b>85.3%</b>	White	243	<b>85.4%</b>	<b>92.7%</b>
Chi-square, X-tab <sup>6</sup> : .494 not sig.				Chi-square, X-tab <sup>6</sup> : .059 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.049 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.128 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.0%</b>	<b>13.6%</b>	<b>6.8%</b>	<b>1.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>70.9%</b>	<b>7.3%</b>	<b>21.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>80.7%</b>	<b>8.3%</b>	<b>8.3%</b>	<b>2.6%</b>			
Other	<b>70.0%</b>	<b>20.0%</b>	<b>10.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .058 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>662</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.7%</b>	Citations per 1000	
	Passing through:	<b>82.3%</b>	18 + residents:	<b>73.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 612)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.3%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .012* sig.				Chi-square, X-tab <sup>6</sup> : .683 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .614* sig.				Odds ratio Exp(B) <sup>7</sup> : .972 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTPORT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,782</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>33.7%</b>	Citations per 1000 18 + residents: <b>134.4</b>			
	Passing through:		<b>66.3%</b>				
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 1,675)</b>			<b>ITP Stops<sup>3</sup> (N = 527)</b>				
Mean age			Mean age				
<b>39.97</b>			<b>38.98</b>				
Gender %			Gender %				
Female <b>41.9%</b>			Female <b>42.2%</b>				
Male <b>58.0%</b>			Male <b>57.8%</b>				
Non-binary <b>0.1%</b>			Non-binary <b>0.0%</b>				
Race %		Mis/Unk <sup>4</sup>	Race %		Mis/Unk <sup>4</sup>		
AA/Black <b>6.5%</b>		<b>2.9%</b>	AA/Black <b>4.3%</b>		<b>2.7%</b>		
Hispanic <b>1.2%</b>			Hispanic <b>1.4%</b>				
White <b>91.3%</b>			White <b>93.6%</b>				
Other <b>1.0%</b>			Other <b>0.8%</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.5%</b>	<b>0.1%</b>	<b>6.4%</b>	AA/Black	<b>14.4%</b>	<b>-7.9%</b>	
Hispanic	<b>1.2%</b>	<b>1.7%</b>	<b>-0.5%</b>	Hispanic	<b>14.5%</b>	<b>-13.3%</b>	
White	<b>91.3%</b>	<b>97.0%</b>	<b>-5.7%</b>	White	<b>66.4%</b>	<b>24.9%</b>	
Other	<b>1.0%</b>	<b>1.4%</b>	<b>-0.4%</b>	Other	<b>4.6%</b>	<b>-3.6%</b>	
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	135	<b>6.3%</b>	<b>13.6%</b>	NW	31	<b>4.1%</b>	<b>9.7%</b>
White	1,354	<b>93.7%</b>	<b>86.4%</b>	White	418	<b>95.9%</b>	<b>90.3%</b>
Chi-square, X-tab <sup>6</sup> :			<b>.000* sig.</b>	Chi-square, X-tab <sup>6</sup> :			<b>.018* sig.</b>
Odds ratio Exp(B) <sup>7</sup> :			<b>.389* sig.</b>	Odds ratio Exp(B) <sup>7</sup> :			<b>.355* sig.</b>
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.6%</b>	<b>19.3%</b>	<b>20.2%</b>	<b>0.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>54.5%</b>	<b>0.0%</b>	<b>40.9%</b>	<b>4.5%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>74.9%</b>	<b>13.4%</b>	<b>11.1%</b>	<b>0.6%</b>			
Other	<b>88.2%</b>	<b>5.9%</b>	<b>5.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :			<b>.000* sig.</b>				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTWOOD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,893</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.4%</b>	Citations per 1000	
	Passing through:	<b>86.6%</b>	18 + residents:	<b>236.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,807)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 3.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
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%

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .942 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .702* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.621* sig.			

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

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WEYMOUTH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>5,901</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.0%</b>	Citations per 1000	
	Passing through:	<b>60.0%</b>	18 + residents:	<b>124.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,642)				ITP Stops <sup>3</sup> (N = 1,813)			
Mean age				Mean age			
<b>38.88</b>				<b>37.19</b>			
Gender %				Gender %			
Female <b>40.7%</b>				Female <b>39.1%</b>			
Male <b>59.2%</b>				Male <b>60.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.2%</b>				Race % Mis/Unk <sup>4</sup> <b>3.9%</b>			
AA/Black <b>11.5%</b>				AA/Black <b>12.0%</b>			
Hispanic <b>4.5%</b>				Hispanic <b>5.3%</b>			
White <b>81.3%</b>				White <b>79.2%</b>			
Other <b>2.8%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.5%</b>	<b>5.6%</b>	<b>5.9%</b>	AA/Black	<b>11.5%</b>	<b>14.4%</b>	<b>-2.9%</b>
Hispanic	<b>4.5%</b>	<b>3.8%</b>	<b>0.7%</b>	Hispanic	<b>4.5%</b>	<b>14.5%</b>	<b>-10.0%</b>
White	<b>81.3%</b>	<b>81.6%</b>	<b>-0.3%</b>	White	<b>81.3%</b>	<b>66.4%</b>	<b>14.9%</b>
Other	<b>2.8%</b>	<b>8.5%</b>	<b>-5.7%</b>	Other	<b>2.8%</b>	<b>4.6%</b>	<b>-1.8%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	922	<b>16.1%</b>	<b>25.8%</b>	NW	326	<b>19.5%</b>	<b>22.4%</b>
White	4,031	<b>83.9%</b>	<b>74.2%</b>	White	1,256	<b>80.5%</b>	<b>77.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .172 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .551* sig.				Odds ratio Exp(B) <sup>7</sup> : .741 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.0%</b>	<b>3.7%</b>	<b>12.0%</b>	<b>3.4%</b>	NW	<b>12</b>	<b>N/A</b>
Hispanic	<b>69.9%</b>	<b>9.4%</b>	<b>14.7%</b>	<b>6.0%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>89.0%</b>	<b>4.0%</b>	<b>5.3%</b>	<b>1.7%</b>			
Other	<b>89.9%</b>	<b>8.1%</b>	<b>2.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WHITMAN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>480</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.2%</b>	Citations per 1000	
	Passing through:	<b>78.8%</b>	18 + residents:	<b>40.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 419)				ITP Stops <sup>3</sup> (N = 205)			
Mean age				Mean age			
<b>34.57</b>				<b>34.69</b>			
Gender %				Gender %			
Female <b>30.4%</b>				Female <b>28.6%</b>			
Male <b>69.4%</b>				Male <b>70.9%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.5%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>15.5%</b>				AA/Black <b>16.4%</b>			
Hispanic <b>6.1%</b>				Hispanic <b>5.5%</b>			
White <b>76.4%</b>				White <b>74.6%</b>			
Other <b>2.0%</b>				Other <b>3.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.5%</b>	<b>1.9%</b>	<b>13.6%</b>	AA/Black	<b>15.5%</b>	<b>14.4%</b>	<b>1.1%</b>
Hispanic	<b>6.1%</b>	<b>2.5%</b>	<b>3.6%</b>	Hispanic	<b>6.1%</b>	<b>14.5%</b>	<b>-8.4%</b>
White	<b>76.4%</b>	<b>91.7%</b>	<b>-15.3%</b>	White	<b>76.4%</b>	<b>66.4%</b>	<b>10.0%</b>
Other	<b>2.0%</b>	<b>3.5%</b>	<b>-1.5%</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	83	<b>21.1%</b>	<b>26.7%</b>	NW	41	<b>18.9%</b>	<b>31.8%</b>
White	275	<b>78.9%</b>	<b>73.3%</b>	White	131	<b>81.1%</b>	<b>68.2%</b>
Chi-square, X-tab <sup>6</sup> : .224 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .053 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .839 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .437 <i>not sig.</i>			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>11.8%</b>	<b>67.6%</b>	<b>17.6%</b>	<b>2.9%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>48.3%</b>	<b>44.8%</b>	<b>6.9%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>14.4%</b>	<b>61.9%</b>	<b>21.0%</b>	<b>2.8%</b>			
Other	<b>12.5%</b>	<b>62.5%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .091 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WILBRAHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,828</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.4%</b>	Citations per 1000	
	Passing through:	<b>76.6%</b>	18 + residents:	<b>157.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,700)				ITP Stops <sup>3</sup> (N = 670)			
Mean age				Mean age			
<b>37.35</b>				<b>37.65</b>			
Gender %				Gender %			
Female <b>37.1%</b>				Female <b>36.7%</b>			
Male <b>62.9%</b>				Male <b>63.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>11.1%</b>				AA/Black <b>10.6%</b>			
Hispanic <b>7.4%</b>				Hispanic <b>5.6%</b>			
White <b>80.4%</b>				White <b>82.2%</b>			
Other <b>1.1%</b>				Other <b>1.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.1%</b>	<b>3.2%</b>	<b>7.9%</b>	AA/Black	<b>11.1%</b>	<b>14.4%</b>	<b>-3.3%</b>
Hispanic	<b>7.4%</b>	<b>9.7%</b>	<b>-2.3%</b>	Hispanic	<b>7.4%</b>	<b>14.5%</b>	<b>-7.1%</b>
White	<b>80.4%</b>	<b>85.3%</b>	<b>-4.9%</b>	White	<b>80.4%</b>	<b>66.4%</b>	<b>14.0%</b>
Other	<b>1.1%</b>	<b>2.7%</b>	<b>-1.6%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	294	<b>15.8%</b>	<b>27.2%</b>	NW	109	<b>15.3%</b>	<b>23.3%</b>
White	1,186	<b>84.2%</b>	<b>72.8%</b>	White	481	<b>84.7%</b>	<b>76.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .014* sig.			
Odds ratio Exp(B) <sup>7</sup> : .494* sig.				Odds ratio Exp(B) <sup>7</sup> : .535* sig.			

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.1%</b>	<b>5.3%</b>	<b>22.7%</b>	<b>2.9%</b>	NW	<b>17</b>	<b>N/A</b>
Hispanic	<b>72.0%</b>	<b>3.8%</b>	<b>16.7%</b>	<b>7.6%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>84.4%</b>	<b>4.8%</b>	<b>9.1%</b>	<b>1.7%</b>			
Other	<b>76.2%</b>	<b>9.5%</b>	<b>14.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WILLIAMSBURG POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>491</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.3%</b>	Citations per 1000	
	Passing through:	<b>89.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 485)				ITP Stops <sup>3</sup> (N = 237)			
Mean age				Mean age			
<b>42.38</b>				<b>40.64</b>			
Gender %				Gender %			
Female <b>41.3%</b>				Female <b>40.7%</b>			
Male <b>58.7%</b>				Male <b>59.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.7%</b>				Race % Mis/Unk <sup>4</sup> <b>5.1%</b>			
AA/Black <b>3.9%</b>				AA/Black <b>2.7%</b>			
Hispanic <b>5.8%</b>				Hispanic <b>4.4%</b>			
White <b>88.7%</b>				White <b>91.6%</b>			
Other <b>1.5%</b>				Other <b>1.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.9%</b>	<b>14.4%</b>	<b>-10.5%</b>
Hispanic	<b>5.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.8%</b>	<b>14.5%</b>	<b>-8.7%</b>
White	<b>88.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>88.7%</b>	<b>66.4%</b>	<b>22.3%</b>
Other	<b>1.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.5%</b>	<b>4.6%</b>	<b>-3.1%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	50	<b>8.3%</b>	<b>16.5%</b>	NW	17	<b>6.5%</b>	<b>9.3%</b>
White	398	<b>91.7%</b>	<b>83.5%</b>	White	194	<b>93.5%</b>	<b>90.7%</b>
Chi-square, X-tab <sup>6</sup> :		.009*	sig.	Chi-square, X-tab <sup>6</sup> :		.447	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.255*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.224*	sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.7%</b>	<b>22.2%</b>	<b>5.6%</b>	<b>5.6%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>59.3%</b>	<b>18.5%</b>	<b>18.5%</b>	<b>3.7%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>76.4%</b>	<b>14.4%</b>	<b>6.5%</b>	<b>2.6%</b>			
Other	<b>85.7%</b>	<b>14.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.456	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WILLIAMSTOWN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>224</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>22.2%</b>	Citations per 1000			
	Passing through:		<b>77.8%</b>	18 + residents:		<b>35.2</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 181)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>37.93</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>40.2%</b>		Female		<b>N/A</b>	
Male		<b>59.8%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>1.1%</b>				<b>N/A</b>	
AA/Black		<b>7.8%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>1.7%</b>		Hispanic		<b>N/A</b>	
White		<b>88.3%</b>		White		<b>N/A</b>	
Other		<b>2.2%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>7.8%</b>	<b>5.1%</b>	<b>2.7%</b>	AA/Black	<b>7.8%</b>	<b>14.4%</b>	<b>-6.6%</b>
Hispanic	<b>1.7%</b>	<b>6.1%</b>	<b>-4.4%</b>	Hispanic	<b>1.7%</b>	<b>14.5%</b>	<b>-12.8%</b>
White	<b>88.3%</b>	<b>79.1%</b>	<b>9.2%</b>	White	<b>88.3%</b>	<b>66.4%</b>	<b>21.9%</b>
Other	<b>2.2%</b>	<b>11.6%</b>	<b>-9.4%</b>	Other	<b>2.2%</b>	<b>4.6%</b>	<b>-2.4%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	19	<b>9.6%</b>	<b>17.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	141	<b>90.4%</b>	<b>82.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.149	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.408	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.5%</b>	<b>12.5%</b>	<b>25.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>65.2%</b>	<b>14.1%</b>	<b>18.7%</b>	<b>2.0%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.740	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WILMINGTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,384</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.3%</b>	Citations per 1000	
	Passing through:	<b>70.7%</b>	18 + residents:	<b>183.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,352)				ITP Stops <sup>3</sup> (N = 1,268)			
Mean age				Mean age			
<b>39.62</b>				<b>39.05</b>			
Gender %				Gender %			
Female <b>38.8%</b>				Female <b>35.5%</b>			
Male <b>61.1%</b>				Male <b>64.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>4.7%</b>				AA/Black <b>4.1%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>6.3%</b>			
White <b>82.5%</b>				White <b>84.5%</b>			
Other <b>5.3%</b>				Other <b>5.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.7%</b>	<b>4.1%</b>	<b>0.6%</b>	AA/Black	<b>4.7%</b>	<b>14.4%</b>	<b>-9.7%</b>
Hispanic	<b>7.5%</b>	<b>1.0%</b>	<b>6.5%</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>82.5%</b>	<b>87.0%</b>	<b>-4.5%</b>	White	<b>82.5%</b>	<b>66.4%</b>	<b>16.1%</b>
Other	<b>5.3%</b>	<b>7.9%</b>	<b>-2.6%</b>	Other	<b>5.3%</b>	<b>4.6%</b>	<b>0.7%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	550	<b>15.7%</b>	<b>22.6%</b>	NW	167	<b>15.3%</b>	<b>14.8%</b>
White	2,579	<b>84.3%</b>	<b>77.4%</b>	White	936	<b>84.7%</b>	<b>85.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .805 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .618* sig.				Odds ratio Exp(B) <sup>7</sup> : .638 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.4%</b>	<b>10.0%</b>	<b>7.5%</b>	<b>3.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>73.9%</b>	<b>11.5%</b>	<b>11.9%</b>	<b>2.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>87.0%</b>	<b>9.0%</b>	<b>2.7%</b>	<b>1.2%</b>			
Other	<b>91.0%</b>	<b>7.9%</b>	<b>0.6%</b>	<b>0.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WINCHENDON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>533</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.1%</b>	Citations per 1000	
	Passing through:	<b>59.9%</b>	18 + residents:	<b>63.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 489)				ITP Stops <sup>3</sup> (N = 205)			
Mean age				Mean age			
<b>34.82</b>				<b>35.62</b>			
Gender %				Gender %			
Female <b>39.8%</b>				Female <b>37.4%</b>			
Male <b>60.2%</b>				Male <b>62.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.3%</b>				Race % Mis/Unk <sup>4</sup> <b>6.3%</b>			
AA/Black <b>5.7%</b>				AA/Black <b>7.3%</b>			
Hispanic <b>8.1%</b>				Hispanic <b>9.9%</b>			
White <b>85.6%</b>				White <b>82.3%</b>			
Other <b>0.7%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>5.7%</b>	<b>1.2%</b>	<b>4.5%</b>	AA/Black	<b>5.7%</b>	<b>14.4%</b> <b>-8.7%</b>
Hispanic	<b>8.1%</b>	<b>3.2%</b>	<b>4.9%</b>	Hispanic	<b>8.1%</b>	<b>14.5%</b> <b>-6.4%</b>
White	<b>85.6%</b>	<b>90.8%</b>	<b>-5.2%</b>	White	<b>85.6%</b>	<b>66.4%</b> <b>19.2%</b>
Other	<b>0.7%</b>	<b>5.1%</b>	<b>-4.4%</b>	Other	<b>0.7%</b>	<b>4.6%</b> <b>-3.9%</b>

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

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	<b>11.5%</b>	<b>17.0%</b>	NW	29	<b>14.7%</b>	<b>18.8%</b>
White	361	<b>88.5%</b>	<b>83.0%</b>	White	142	<b>85.3%</b>	<b>81.3%</b>
Chi-square, X-tab <sup>6</sup> :		.110	not sig.	Chi-square, X-tab <sup>6</sup> :		.480	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.654	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.569	not sig.

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

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>28.6%</b>	<b>17.9%</b>	<b>46.4%</b>	<b>7.1%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>25.6%</b>	<b>10.3%</b>	<b>59.0%</b>	<b>5.1%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>45.9%</b>	<b>20.9%</b>	<b>29.0%</b>	<b>4.2%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.006* sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WINCHESTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>207</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>28.1%</b>	Citations per 1000			
	Passing through:		<b>71.9%</b>	18 + residents: <b>12.7</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup></b>			<b>(N = 146)</b>				
Mean age			Mean age				
<b>41.92</b>			<b>N/A</b>				
Gender %			Gender %				
Female <b>30.1%</b>			Female <b>N/A</b>				
Male <b>69.9%</b>			Male <b>N/A</b>				
Non-binary <b>0.0%</b>			Non-binary <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>6.8%</b>			Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
AA/Black <b>8.1%</b>			AA/Black <b>N/A</b>				
Hispanic <b>3.7%</b>			Hispanic <b>N/A</b>				
White <b>74.3%</b>			White <b>N/A</b>				
Other <b>14.0%</b>			Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.1%</b>	<b>0.3%</b>	<b>7.8%</b>	AA/Black	<b>8.1%</b>	<b>14.4%</b>	<b>-6.3%</b>
Hispanic	<b>3.7%</b>	<b>2.1%</b>	<b>1.6%</b>	Hispanic	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
White	<b>74.3%</b>	<b>79.5%</b>	<b>-5.2%</b>	White	<b>74.3%</b>	<b>66.4%</b>	<b>7.9%</b>
Other	<b>14.0%</b>	<b>17.3%</b>	<b>-3.3%</b>	Other	<b>14.0%</b>	<b>4.6%</b>	<b>9.4%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	31	<b>23.5%</b>	<b>33.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	91	<b>76.5%</b>	<b>66.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :			.320	not sig.		Chi-square, X-tab <sup>6</sup> :	
Odds ratio Exp(B) <sup>7</sup> :			.574	not sig.		Odds ratio Exp(B) <sup>7</sup> :	
				N/A		N/A	
				N/A		N/A	
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>25.0%</b>	<b>30.0%</b>	<b>40.0%</b>	<b>5.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>30.0%</b>	<b>0.0%</b>	<b>60.0%</b>	<b>10.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>70.8%</b>	<b>13.1%</b>	<b>11.7%</b>	<b>4.4%</b>			
Other	<b>66.7%</b>	<b>29.2%</b>	<b>4.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :			.000*	sig.			
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WINTHROP POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>363</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>43.3%</b>	Citations per 1000			
	Passing through:		<b>56.7%</b>	18 + residents:		<b>24</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup></b>			<b>(N = 331)</b>				
Mean age			ITP Stops <sup>3</sup>				
<b>34.57</b>			<b>(N = N/A)</b>				
Gender %			Mean age				
			<b>N/A</b>				
Female <b>23.3%</b>			Gender %				
Male <b>76.7%</b>			Female <b>N/A</b>				
Non-binary <b>0.0%</b>			Male <b>N/A</b>				
Race % Mis/Unk <sup>4</sup> <b>6.9%</b>			Non-binary <b>N/A</b>				
AA/Black <b>11.4%</b>			Race % Mis/Unk <sup>4</sup> <b>N/A</b>				
Hispanic <b>11.0%</b>			AA/Black <b>N/A</b>				
White <b>74.4%</b>			Hispanic <b>N/A</b>				
Other <b>3.2%</b>			White <b>N/A</b>				
			Other <b>N/A</b>				
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.4%</b>	<b>2.2%</b>	<b>9.2%</b>	AA/Black	<b>11.4%</b>	<b>14.4%</b>	<b>-3.0%</b>
Hispanic	<b>11.0%</b>	<b>9.5%</b>	<b>1.5%</b>	Hispanic	<b>11.0%</b>	<b>14.5%</b>	<b>-3.5%</b>
White	<b>74.4%</b>	<b>86.5%</b>	<b>-12.1%</b>	White	<b>74.4%</b>	<b>66.4%</b>	<b>8.0%</b>
Other	<b>3.2%</b>	<b>3.2%</b>	<b>0.0%</b>	Other	<b>3.2%</b>	<b>4.6%</b>	<b>-1.4%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	74	<b>16.5%</b>	<b>30.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	220	<b>83.5%</b>	<b>69.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .006* sig.			Chi-square, X-tab <sup>6</sup> : N/A N/A				
Odds ratio Exp(B) <sup>7</sup> : .379* sig.			Odds ratio Exp(B) <sup>7</sup> : N/A N/A				
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.3%</b>	<b>10.5%</b>	<b>21.1%</b>	<b>13.2%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>47.1%</b>	<b>20.6%</b>	<b>20.6%</b>	<b>11.8%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>55.7%</b>	<b>20.2%</b>	<b>20.9%</b>	<b>3.2%</b>			
Other	<b>80.0%</b>	<b>10.0%</b>	<b>10.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .109 not sig.							
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WOBURN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,219</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.9%</b>	Citations per 1000	
	Passing through:	<b>59.1%</b>	18 + residents:	<b>99.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,107)				ITP Stops <sup>3</sup> (N = 1,216)			
Mean age				Mean age			
<b>41.32</b>				<b>40.88</b>			
Gender %				Gender %			
Female <b>42.0%</b>				Female <b>43.1%</b>			
Male <b>57.8%</b>				Male <b>56.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>6.9%</b>				AA/Black <b>5.3%</b>			
Hispanic <b>6.6%</b>				Hispanic <b>6.3%</b>			
White <b>79.6%</b>				White <b>80.9%</b>			
Other <b>6.9%</b>				Other <b>7.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>5.9%</b>	<b>1.0%</b>	AA/Black	<b>6.9%</b>	<b>14.4%</b>	<b>-7.5%</b>
Hispanic	<b>6.6%</b>	<b>4.6%</b>	<b>2.0%</b>	Hispanic	<b>6.6%</b>	<b>14.5%</b>	<b>-7.9%</b>
White	<b>79.6%</b>	<b>77.4%</b>	<b>2.2%</b>	White	<b>79.6%</b>	<b>66.4%</b>	<b>13.2%</b>
Other	<b>6.9%</b>	<b>11.4%</b>	<b>-4.5%</b>	Other	<b>6.9%</b>	<b>4.6%</b>	<b>2.3%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	570	<b>19.5%</b>	<b>27.1%</b>	NW	209	<b>18.7%</b>	<b>21.9%</b>
White	2,184	<b>80.5%</b>	<b>72.9%</b>	White	868	<b>81.3%</b>	<b>78.1%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.264	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.644*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.670*	sig.

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

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>87.6%</b>	<b>6.9%</b>	<b>4.1%</b>	<b>1.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>75.7%</b>	<b>10.6%</b>	<b>11.9%</b>	<b>1.8%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>91.9%</b>	<b>4.6%</b>	<b>3.0%</b>	<b>0.4%</b>			
Other	<b>95.0%</b>	<b>3.7%</b>	<b>0.9%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WORCESTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,419</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>60.0%</b>	Citations per 1000	
	Passing through:	<b>40.0%</b>	18 + residents:	<b>9.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,084)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 8.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
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%

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .306 not sig.				Chi-square, X-tab <sup>6</sup> : .195 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .853 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.664 not sig.			

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

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WRENTHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,189</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.1%</b>	Citations per 1000	
	Passing through:	<b>82.9%</b>	18 + residents:	<b>239.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,139)				ITP Stops <sup>3</sup> (N = 869)			
Mean age				Mean age			
<b>38.78</b>				<b>38.48</b>			
Gender %				Gender %			
Female <b>43.4%</b>				Female <b>43.2%</b>			
Male <b>56.6%</b>				Male <b>56.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>19.2%</b>				Race % Mis/Unk <sup>4</sup> <b>18.9%</b>			
AA/Black <b>10.3%</b>				AA/Black <b>10.9%</b>			
Hispanic <b>5.4%</b>				Hispanic <b>6.5%</b>			
White <b>82.1%</b>				White <b>81.1%</b>			
Other <b>2.1%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

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

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.3%</b>	<b>2.9%</b>	<b>7.4%</b>	AA/Black	<b>10.3%</b>	<b>14.4%</b>	<b>-4.1%</b>
Hispanic	<b>5.4%</b>	<b>2.9%</b>	<b>2.5%</b>	Hispanic	<b>5.4%</b>	<b>14.5%</b>	<b>-9.1%</b>
White	<b>82.1%</b>	<b>92.7%</b>	<b>-10.6%</b>	White	<b>82.1%</b>	<b>66.4%</b>	<b>15.7%</b>
Other	<b>2.1%</b>	<b>1.5%</b>	<b>0.6%</b>	Other	<b>2.1%</b>	<b>4.6%</b>	<b>-2.5%</b>

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

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	299	<b>17.0%</b>	<b>22.3%</b>	NW	125	<b>20.5%</b>	<b>14.8%</b>
White	1,348	<b>83.0%</b>	<b>77.7%</b>	White	516	<b>79.5%</b>	<b>85.2%</b>
Chi-square, X-tab <sup>6</sup> :		.020*	sig.	Chi-square, X-tab <sup>6</sup> :		.159	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.649*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.137	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.0%</b>	<b>12.2%</b>	<b>13.3%</b>	<b>0.6%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>53.9%</b>	<b>25.5%</b>	<b>19.6%</b>	<b>1.0%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>83.8%</b>	<b>10.9%</b>	<b>4.3%</b>	<b>1.0%</b>			
Other	<b>81.1%</b>	<b>18.9%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT YARMOUTH POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,823</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.0%</b>	Citations per 1000	
	Passing through:	<b>64.0%</b>	18 + residents:	<b>91.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,723)				ITP Stops <sup>3</sup> (N = 694)			
Mean age				Mean age			
<b>40.3</b>				<b>37.68</b>			
Gender %				Gender %			
Female <b>38.7%</b>				Female <b>38.0%</b>			
Male <b>61.2%</b>				Male <b>62.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>1.6%</b>				<b>2.0%</b>	
AA/Black		<b>12.8%</b>		AA/Black		<b>14.9%</b>	
Hispanic		<b>3.0%</b>		Hispanic		<b>3.7%</b>	
White		<b>83.4%</b>		White		<b>80.6%</b>	
Other		<b>0.8%</b>		Other		<b>0.9%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.8%</b>	<b>2.4%</b>	<b>10.4%</b>	AA/Black	<b>12.8%</b>	<b>14.4%</b>	<b>-1.6%</b>
Hispanic	<b>3.0%</b>	<b>2.7%</b>	<b>0.3%</b>	Hispanic	<b>3.0%</b>	<b>14.5%</b>	<b>-11.5%</b>
White	<b>83.4%</b>	<b>89.2%</b>	<b>-5.8%</b>	White	<b>83.4%</b>	<b>66.4%</b>	<b>17.0%</b>
Other	<b>0.8%</b>	<b>5.5%</b>	<b>-4.7%</b>	Other	<b>0.8%</b>	<b>4.6%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	270	<b>14.8%</b>	<b>20.2%</b>	NW	124	<b>20.1%</b>	<b>18.8%</b>
White	1,352	<b>85.2%</b>	<b>79.8%</b>	White	511	<b>79.9%</b>	<b>81.2%</b>
Chi-square, X-tab <sup>6</sup> :		.006*	sig.	Chi-square, X-tab <sup>6</sup> :		.693	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.717*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.155	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>71.5%</b>	<b>12.8%</b>	<b>10.2%</b>	<b>5.5%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>41.4%</b>	<b>13.8%</b>	<b>37.9%</b>	<b>6.9%</b>	White	<b>15</b>	<b>N/A</b>
White	<b>77.9%</b>	<b>5.2%</b>	<b>12.7%</b>	<b>4.2%</b>			
Other	<b>85.7%</b>	<b>7.1%</b>	<b>7.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 BOSTON POLICE DEPARTMENT**

### **2021 Boston Police Department Districts<sup>37</sup>**

**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

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<sup>37</sup>The 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 <sup>1</sup> : <b>563</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.3%</b>	Citations per 1000	
	Passing through:	<b>88.7%</b>	18 + residents:	<b>1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 523)				ITP Stops <sup>3</sup> (N = 121)			
Mean age				Mean age			
<b>38.88</b>				<b>33.86</b>			
Gender %				Gender %			
Female <b>30.0%</b>				Female <b>23.5%</b>			
Male <b>69.8%</b>				Male <b>75.6%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.8%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.3%</b>				Race % Mis/Unk <sup>4</sup> <b>6.6%</b>			
AA/Black <b>27.6%</b>				AA/Black <b>31.9%</b>			
Hispanic <b>13.2%</b>				Hispanic <b>20.4%</b>			
White <b>41.2%</b>				White <b>36.3%</b>			
Other <b>17.9%</b>				Other <b>11.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>27.6%</b>	<b>25.2%</b>	<b>2.4%</b>	AA/Black	<b>27.6%</b>	<b>14.4%</b>	<b>13.2%</b>
Hispanic	<b>13.2%</b>	<b>19.8%</b>	<b>-6.6%</b>	Hispanic	<b>13.2%</b>	<b>14.5%</b>	<b>-1.3%</b>
White	<b>41.2%</b>	<b>44.5%</b>	<b>-3.3%</b>	White	<b>41.2%</b>	<b>66.4%</b>	<b>-25.2%</b>
Other	<b>17.9%</b>	<b>15.4%</b>	<b>2.5%</b>	Other	<b>17.9%</b>	<b>4.6%</b>	<b>13.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	272	<b>58.0%</b>	<b>60.2%</b>	NW	68	<b>62.9%</b>	<b>64.4%</b>
White	192	<b>42.0%</b>	<b>39.8%</b>	White	39	<b>37.1%</b>	<b>35.6%</b>
Chi-square, X-tab <sup>6</sup> :		.678	not sig.	Chi-square, X-tab <sup>6</sup> :		.870	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.996	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.262	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.9%</b>	<b>39.3%</b>	<b>6.4%</b>	<b>1.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>54.8%</b>	<b>32.9%</b>	<b>11.0%</b>	<b>1.4%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>50.0%</b>	<b>47.3%</b>	<b>2.7%</b>	<b>0.0%</b>			
Other	<b>26.4%</b>	<b>73.6%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000* sig.					

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>439</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>41.1%</b>	Citations per 1000	
	Passing through:	<b>58.9%</b>	18 + residents:	<b>0.08</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 383)				ITP Stops <sup>3</sup> (N = 129)			
Mean age				Mean age			
<b>41.3</b>				<b>38.96</b>			
Gender %				Gender %			
Female <b>27.8%</b>				Female <b>27.1%</b>			
Male <b>72.2%</b>				Male <b>72.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>9.7%</b>				Race % Mis/Unk <sup>4</sup> <b>7.8%</b>			
AA/Black <b>14.7%</b>				AA/Black <b>18.5%</b>			
Hispanic <b>39.3%</b>				Hispanic <b>39.5%</b>			
White <b>40.5%</b>				White <b>38.7%</b>			
Other <b>5.5%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.7%</b>	<b>25.2%</b>	<b>-10.5%</b>	AA/Black	<b>14.7%</b>	<b>14.4%</b>	<b>0.3%</b>
Hispanic	<b>39.3%</b>	<b>19.8%</b>	<b>19.5%</b>	Hispanic	<b>39.3%</b>	<b>14.5%</b>	<b>24.8%</b>
White	<b>40.5%</b>	<b>44.5%</b>	<b>-4.0%</b>	White	<b>40.5%</b>	<b>66.4%</b>	<b>-25.9%</b>
Other	<b>5.5%</b>	<b>15.4%</b>	<b>-9.9%</b>	Other	<b>5.5%</b>	<b>4.6%</b>	<b>0.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	193	<b>53.3%</b>	<b>69.2%</b>	NW	66	<b>57.1%</b>	<b>62.7%</b>
White	134	<b>46.7%</b>	<b>30.8%</b>	White	43	<b>42.9%</b>	<b>37.3%</b>
Chi-square, X-tab <sup>6</sup> :		.005*	sig.	Chi-square, X-tab <sup>6</sup> :		.564	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.458*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.011	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.8%</b>	<b>11.1%</b>	<b>11.1%</b>	<b>0.0%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>55.9%</b>	<b>20.5%</b>	<b>18.6%</b>	<b>5.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>77.4%</b>	<b>7.3%</b>	<b>12.8%</b>	<b>2.4%</b>			
Other	<b>94.7%</b>	<b>5.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>2,023</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.5%</b>	Citations per 1000	
	Passing through:	<b>83.5%</b>	18 + residents:	<b>3.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,925)				ITP Stops <sup>3</sup> (N = 548)			
Mean age				Mean age			
<b>36.77</b>				<b>37.36</b>			
Gender %				Gender %			
Female <b>34.7%</b>				Female <b>37.2%</b>			
Male <b>65.2%</b>				Male <b>62.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.9%</b>				Race % Mis/Unk <sup>4</sup> <b>6.4%</b>			
AA/Black <b>53.8%</b>				AA/Black <b>58.9%</b>			
Hispanic <b>27.6%</b>				Hispanic <b>19.5%</b>			
White <b>15.2%</b>				White <b>16.6%</b>			
Other <b>3.5%</b>				Other <b>5.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>53.8%</b>	<b>25.2%</b>	<b>28.6%</b>	AA/Black	<b>53.8%</b>	<b>14.4%</b>	<b>39.4%</b>
Hispanic	<b>27.6%</b>	<b>19.8%</b>	<b>7.8%</b>	Hispanic	<b>27.6%</b>	<b>14.5%</b>	<b>13.1%</b>
White	<b>15.2%</b>	<b>44.5%</b>	<b>-29.3%</b>	White	<b>15.2%</b>	<b>66.4%</b>	<b>-51.2%</b>
Other	<b>3.5%</b>	<b>15.4%</b>	<b>-11.9%</b>	Other	<b>3.5%</b>	<b>4.6%</b>	<b>-1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,420	<b>85.1%</b>	<b>84.6%</b>	NW	376	<b>85.5%</b>	<b>80.9%</b>
White	253	<b>14.9%</b>	<b>15.4%</b>	White	73	<b>14.5%</b>	<b>19.1%</b>
Chi-square, X-tab <sup>6</sup> :		.761	not sig.	Chi-square, X-tab <sup>6</sup> :		.200	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.084	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.262	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>84.2%</b>	<b>11.9%</b>	<b>2.5%</b>	<b>1.4%</b>	NW	<b>47</b>	<b>N/A</b>
Hispanic	<b>65.0%</b>	<b>32.2%</b>	<b>2.8%</b>	<b>0.0%</b>	White	<b>14</b>	<b>N/A</b>
White	<b>78.3%</b>	<b>16.6%</b>	<b>4.8%</b>	<b>0.3%</b>			
Other	<b>86.6%</b>	<b>11.9%</b>	<b>1.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>1,448</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.6%</b>	Citations per 1000	
	Passing through:	<b>86.4%</b>	18 + residents:	<b>2.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,317)				ITP Stops <sup>3</sup> (N = 424)			
Mean age				Mean age			
<b>34.37</b>				<b>35.56</b>			
Gender %				Gender %			
Female <b>31.4%</b>				Female <b>29.0%</b>			
Male <b>68.5%</b>				Male <b>71.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.2%</b>				Race % Mis/Unk <sup>4</sup> <b>9.4%</b>			
AA/Black <b>68.8%</b>				AA/Black <b>70.8%</b>			
Hispanic <b>18.6%</b>				Hispanic <b>15.6%</b>			
White <b>11.5%</b>				White <b>12.5%</b>			
Other <b>1.1%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>68.8%</b>	<b>25.2%</b>	<b>43.6%</b>	AA/Black	<b>68.8%</b>	<b>14.4%</b>	<b>54.4%</b>
Hispanic	<b>18.6%</b>	<b>19.8%</b>	<b>-1.2%</b>	Hispanic	<b>18.6%</b>	<b>14.5%</b>	<b>4.1%</b>
White	<b>11.5%</b>	<b>44.5%</b>	<b>-33.0%</b>	White	<b>11.5%</b>	<b>66.4%</b>	<b>-54.9%</b>
Other	<b>1.1%</b>	<b>15.4%</b>	<b>-14.3%</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,015	<b>87.7%</b>	<b>89.4%</b>	NW	297	<b>87.2%</b>	<b>86.0%</b>
White	133	<b>12.3%</b>	<b>10.6%</b>	White	46	<b>12.8%</b>	<b>14.0%</b>
Chi-square, X-tab <sup>6</sup> : .383 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .735 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .794 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .788 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.2%</b>	<b>16.2%</b>	<b>11.5%</b>	<b>4.1%</b>	NW	<b>26</b>	<b>N/A</b>
Hispanic	<b>67.7%</b>	<b>19.8%</b>	<b>8.1%</b>	<b>4.4%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>81.3%</b>	<b>8.7%</b>	<b>8.7%</b>	<b>1.3%</b>			
Other	<b>62.5%</b>	<b>25.0%</b>	<b>6.3%</b>	<b>6.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .041* <i>sig.</i>							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,942</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.1%</b>	Citations per 1000	
	Passing through:	<b>78.9%</b>	18 + residents:	<b>8.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,912)				ITP Stops <sup>3</sup> (N = 1,705)			
Mean age				Mean age			
<b>39.34</b>				<b>37.65</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>33.5%</b>			
Male <b>63.5%</b>				Male <b>66.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>10.6%</b>				Race % Mis/Unk <sup>4</sup> <b>8.8%</b>			
AA/Black <b>21.7%</b>				AA/Black <b>22.6%</b>			
Hispanic <b>10.9%</b>				Hispanic <b>8.9%</b>			
White <b>61.6%</b>				White <b>62.3%</b>			
Other <b>5.7%</b>				Other <b>6.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>21.7%</b>	<b>25.2%</b>	<b>-3.5%</b>	AA/Black	<b>21.7%</b>	<b>14.4%</b>	<b>7.3%</b>
Hispanic	<b>10.9%</b>	<b>19.8%</b>	<b>-8.9%</b>	Hispanic	<b>10.9%</b>	<b>14.5%</b>	<b>-3.6%</b>
White	<b>61.6%</b>	<b>44.5%</b>	<b>17.1%</b>	White	<b>61.6%</b>	<b>66.4%</b>	<b>-4.8%</b>
Other	<b>5.7%</b>	<b>15.4%</b>	<b>-9.7%</b>	Other	<b>5.7%</b>	<b>4.6%</b>	<b>1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,567	<b>33.4%</b>	<b>51.5%</b>	NW	515	<b>32.8%</b>	<b>44.9%</b>
White	2,511	<b>66.6%</b>	<b>48.5%</b>	White	852	<b>67.2%</b>	<b>55.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .479* sig.				Odds ratio Exp(B) <sup>7</sup> : .568* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>95.9%</b>	<b>3.5%</b>	<b>0.5%</b>	<b>0.1%</b>	NW	<b>11</b>	<b>N/A</b>
Hispanic	<b>88.7%</b>	<b>9.7%</b>	<b>0.6%</b>	<b>1.0%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>96.8%</b>	<b>3.1%</b>	<b>0.1%</b>	<b>0.0%</b>			
Other	<b>96.1%</b>	<b>3.9%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>3,219</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>43.2%</b>	Citations per 1000	
	Passing through:	<b>56.8%</b>	18 + residents:	<b>5.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,989)				ITP Stops <sup>3</sup> (N = 996)			
Mean age				Mean age			
<b>39.87</b>				<b>39.39</b>			
Gender %				Gender %			
Female <b>37.7%</b>				Female <b>39.4%</b>			
Male <b>62.3%</b>				Male <b>60.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.5%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>55.8%</b>				AA/Black <b>61.5%</b>			
Hispanic <b>14.5%</b>				Hispanic <b>9.8%</b>			
White <b>22.6%</b>				White <b>24.4%</b>			
Other <b>7.1%</b>				Other <b>4.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>55.8%</b>	<b>25.2%</b>	<b>30.6%</b>	AA/Black	<b>55.8%</b>	<b>14.4%</b>	<b>41.4%</b>
Hispanic	<b>14.5%</b>	<b>19.8%</b>	<b>-5.3%</b>	Hispanic	<b>14.5%</b>	<b>14.5%</b>	<b>0.0%</b>
White	<b>22.6%</b>	<b>44.5%</b>	<b>-21.9%</b>	White	<b>22.6%</b>	<b>66.4%</b>	<b>-43.8%</b>
Other	<b>7.1%</b>	<b>15.4%</b>	<b>-8.3%</b>	Other	<b>7.1%</b>	<b>4.6%</b>	<b>2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,065	<b>76.3%</b>	<b>81.1%</b>	NW	654	<b>76.8%</b>	<b>75.7%</b>
White	590	<b>23.7%</b>	<b>18.9%</b>	White	201	<b>23.2%</b>	<b>24.3%</b>
Chi-square, X-tab <sup>6</sup> :		.006*	sig.	Chi-square, X-tab <sup>6</sup> :		.722	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.720*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.967	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.1%</b>	<b>10.1%</b>	<b>8.0%</b>	<b>0.8%</b>	NW	<b>24</b>	<b>N/A</b>
Hispanic	<b>81.3%</b>	<b>10.7%</b>	<b>7.8%</b>	<b>0.2%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>85.1%</b>	<b>8.1%</b>	<b>6.2%</b>	<b>0.6%</b>			
Other	<b>88.1%</b>	<b>8.7%</b>	<b>3.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.071	not sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>3,125</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.1%</b>	Citations per 1000	
	Passing through:	<b>89.9%</b>	18 + residents:	<b>5.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,945)				ITP Stops <sup>3</sup> (N = 1,019)			
Mean age				Mean age			
<b>38.05</b>				<b>37.57</b>			
Gender %				Gender %			
Female <b>29.7%</b>				Female <b>30.6%</b>			
Male <b>70.1%</b>				Male <b>69.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>10.9%</b>				Race % Mis/Unk <sup>4</sup> <b>10.7%</b>			
AA/Black <b>33.8%</b>				AA/Black <b>31.1%</b>			
Hispanic <b>14.2%</b>				Hispanic <b>14.4%</b>			
White <b>43.7%</b>				White <b>44.5%</b>			
Other <b>8.3%</b>				Other <b>10.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>33.8%</b>	<b>25.2%</b>	<b>8.6%</b>	AA/Black	<b>33.8%</b>	<b>14.4%</b>	<b>19.4%</b>
Hispanic	<b>14.2%</b>	<b>19.8%</b>	<b>-5.6%</b>	Hispanic	<b>14.2%</b>	<b>14.5%</b>	<b>-0.3%</b>
White	<b>43.7%</b>	<b>44.5%</b>	<b>-0.8%</b>	White	<b>43.7%</b>	<b>66.4%</b>	<b>-22.7%</b>
Other	<b>8.3%</b>	<b>15.4%</b>	<b>-7.1%</b>	Other	<b>8.3%</b>	<b>4.6%</b>	<b>3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,375	<b>52.5%</b>	<b>62.5%</b>	NW	470	<b>54.4%</b>	<b>59.8%</b>
White	1,049	<b>47.5%</b>	<b>37.5%</b>	White	356	<b>45.6%</b>	<b>40.2%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.119	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.631*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.726	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>87.8%</b>	<b>9.7%</b>	<b>2.2%</b>	<b>0.2%</b>	NW	<b>12</b>	<b>N/A</b>
Hispanic	<b>81.6%</b>	<b>15.2%</b>	<b>3.3%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>82.2%</b>	<b>15.4%</b>	<b>2.5%</b>	<b>0.0%</b>			
Other	<b>90.4%</b>	<b>9.1%</b>	<b>0.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>339</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>15.0%</b>	Citations per 1000			
	Passing through:		<b>85.0%</b>	18 + residents:		<b>0.6</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 315)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>39.71</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>37.7%</b>		Female		<b>N/A</b>	
Male		<b>62.3%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup> <b>11.4%</b>		Race %		<b>N/A</b>	
AA/Black		<b>17.9%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>4.7%</b>		Hispanic		<b>N/A</b>	
White		<b>66.3%</b>		White		<b>N/A</b>	
Other		<b>11.1%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.9%</b>	<b>25.2%</b>	<b>-7.3%</b>	AA/Black	<b>17.9%</b>	<b>14.4%</b>	<b>3.5%</b>
Hispanic	<b>4.7%</b>	<b>19.8%</b>	<b>-15.1%</b>	Hispanic	<b>4.7%</b>	<b>14.5%</b>	<b>-9.8%</b>
White	<b>66.3%</b>	<b>44.5%</b>	<b>21.8%</b>	White	<b>66.3%</b>	<b>66.4%</b>	<b>-0.1%</b>
Other	<b>11.1%</b>	<b>15.4%</b>	<b>-4.3%</b>	Other	<b>11.1%</b>	<b>4.6%</b>	<b>6.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	89	<b>31.8%</b>	<b>51.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	169	<b>68.2%</b>	<b>48.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .023* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .488 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.1%</b>	<b>17.0%</b>	<b>0.0%</b>	<b>1.9%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>52.9%</b>	<b>41.2%</b>	<b>5.9%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>94.8%</b>	<b>3.6%</b>	<b>1.6%</b>	<b>0.0%</b>			
Other	<b>90.9%</b>	<b>9.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							
<sup>8</sup> 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 <sup>1</sup> : <b>5,369</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.3%</b>	Citations per 1000	
	Passing through:	<b>77.7%</b>	18 + residents:	<b>9.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,303)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 4.5%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .021* sig.			
Odds ratio Exp(B) <sup>7</sup> : .663 sig.				Odds ratio Exp(B) <sup>7</sup> : .734* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>1,349</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.6%</b>	Citations per 1000	
	Passing through:	<b>86.4%</b>	18 + residents:	<b>2.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,304)				ITP Stops <sup>3</sup> (N = 926)			
Mean age				Mean age			
<b>35.66</b>				<b>35.33</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>36.9%</b>			
Male <b>63.3%</b>				Male <b>63.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>45.6%</b>				AA/Black <b>45.3%</b>			
Hispanic <b>26.5%</b>				Hispanic <b>26.1%</b>			
White <b>23.0%</b>				White <b>22.9%</b>			
Other <b>4.9%</b>				Other <b>5.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>45.6%</b>	<b>25.2%</b>	<b>20.4%</b>	AA/Black	<b>45.6%</b>	<b>14.4%</b>	<b>31.2%</b>
Hispanic	<b>26.5%</b>	<b>19.8%</b>	<b>6.7%</b>	Hispanic	<b>26.5%</b>	<b>14.5%</b>	<b>12.0%</b>
White	<b>23.0%</b>	<b>44.5%</b>	<b>-21.5%</b>	White	<b>23.0%</b>	<b>66.4%</b>	<b>-43.4%</b>
Other	<b>4.9%</b>	<b>15.4%</b>	<b>-10.5%</b>	Other	<b>4.9%</b>	<b>4.6%</b>	<b>0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	899	<b>75.7%</b>	<b>81.3%</b>	NW	647	<b>75.9%</b>	<b>80.3%</b>
White	260	<b>24.3%</b>	<b>18.7%</b>	White	188	<b>24.1%</b>	<b>19.7%</b>
Chi-square, X-tab <sup>6</sup> :		.033*	sig.	Chi-square, X-tab <sup>6</sup> :		.146	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.708	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.836	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.5%</b>	<b>7.8%</b>	<b>5.0%</b>	<b>0.7%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>85.1%</b>	<b>7.3%</b>	<b>7.6%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>91.8%</b>	<b>5.3%</b>	<b>3.0%</b>	<b>0.0%</b>			
Other	<b>98.4%</b>	<b>0.0%</b>	<b>1.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.010*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,381</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.6%</b>	Citations per 1000	
	Passing through:	<b>67.4%</b>	18 + residents:	<b>7.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,259)				ITP Stops <sup>3</sup> (N = 2,527)			
Mean age				Mean age			
<b>38.47</b>				<b>37.69</b>			
Gender %				Gender %			
Female <b>38.7%</b>				Female <b>38.2%</b>			
Male <b>61.1%</b>				Male <b>61.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>56.5%</b>				AA/Black <b>55.6%</b>			
Hispanic <b>22.4%</b>				Hispanic <b>25.1%</b>			
White <b>19.3%</b>				White <b>17.6%</b>			
Other <b>1.8%</b>				Other <b>1.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>56.5%</b>	<b>25.2%</b>	<b>31.3%</b>	AA/Black	<b>56.5%</b>	<b>14.4%</b>	<b>42.1%</b>
Hispanic	<b>22.4%</b>	<b>19.8%</b>	<b>2.6%</b>	Hispanic	<b>22.4%</b>	<b>14.5%</b>	<b>7.9%</b>
White	<b>19.3%</b>	<b>44.5%</b>	<b>-25.2%</b>	White	<b>19.3%</b>	<b>66.4%</b>	<b>-47.1%</b>
Other	<b>1.8%</b>	<b>15.4%</b>	<b>-13.6%</b>	Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,013	<b>80.2%</b>	<b>81.6%</b>	NW	1,865	<b>83.3%</b>	<b>80.2%</b>
White	725	<b>19.8%</b>	<b>18.4%</b>	White	396	<b>16.7%</b>	<b>19.8%</b>
Chi-square, X-tab <sup>6</sup> : .330 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .092 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .882 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.064 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>90.2%</b>	<b>5.5%</b>	<b>3.9%</b>	<b>0.4%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>86.6%</b>	<b>8.2%</b>	<b>4.4%</b>	<b>0.9%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>91.9%</b>	<b>3.9%</b>	<b>3.7%</b>	<b>0.5%</b>			
Other	<b>98.6%</b>	<b>1.4%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .002* <i>sig.</i>							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,324</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>7.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,286)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 8.1%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.498	not sig.	Chi-square, X-tab <sup>6</sup> :		.040*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.921	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.470	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ALL BOSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>31,987</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.4%</b>	Citations per 1000	
	Passing through:	<b>76.6%</b>	18 + residents:	<b>54.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 31,987)				ITP Stops <sup>3</sup> (N = 10,881)			
Mean age				Mean age			
<b>40.08</b>				<b>38.61</b>			
Gender %				Gender %			
Female <b>37.5%</b>				Female <b>37.7%</b>			
Male <b>62.4%</b>				Male <b>62.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.3%</b>				Race % Mis/Unk <sup>4</sup> <b>5.4%</b>			
AA/Black <b>38.8%</b>				AA/Black <b>42.4%</b>			
Hispanic <b>16.8%</b>				Hispanic <b>17.6%</b>			
White <b>38.6%</b>				White <b>35.2%</b>			
Other <b>5.8%</b>				Other <b>4.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>38.8%</b>	<b>25.2%</b>	<b>13.6%</b>	AA/Black	<b>38.8%</b>	<b>14.4%</b>	<b>24.4%</b>
Hispanic	<b>16.8%</b>	<b>19.8%</b>	<b>-3.0%</b>	Hispanic	<b>16.8%</b>	<b>14.5%</b>	<b>2.3%</b>
White	<b>38.6%</b>	<b>44.5%</b>	<b>-5.9%</b>	White	<b>38.6%</b>	<b>66.4%</b>	<b>-27.8%</b>
Other	<b>5.8%</b>	<b>15.4%</b>	<b>-9.6%</b>	Other	<b>5.8%</b>	<b>4.6%</b>	<b>1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16,227	<b>58.1%</b>	<b>70.3%</b>	NW	5,851	<b>64.4%</b>	<b>66.6%</b>
White	10,260	<b>41.9%</b>	<b>29.7%</b>	White	3,132	<b>35.6%</b>	<b>33.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .042* sig.			
Odds ratio Exp(B) <sup>7</sup> : .589* sig.				Odds ratio Exp(B) <sup>7</sup> : .809* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.8%</b>	<b>10.0%</b>	<b>6.5%</b>	<b>0.8%</b>	NW	<b>148</b>	<b>76.7%</b>
Hispanic	<b>80.1%</b>	<b>14.9%</b>	<b>4.3%</b>	<b>0.7%</b>	White	<b>45</b>	<b>23.3%</b>
White	<b>88.1%</b>	<b>9.0%</b>	<b>2.8%</b>	<b>0.2%</b>			
Other	<b>84.5%</b>	<b>14.2%</b>	<b>1.2%</b>	<b>0.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS STATE POLICE**

### **2021 Massachusetts State Police Troop Boundaries<sup>38</sup>**

**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

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<sup>38</sup>Massachusetts 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 <sup>1</sup> : <b>1,577</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,504)				ITP Stops <sup>3</sup> (N = 585)			
Mean age				Mean age			
<b>35.74</b>				<b>35.8</b>			
Gender %				Gender %			
Female <b>31.6%</b>				Female <b>30.6%</b>			
Male <b>68.4%</b>				Male <b>69.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>18.2%</b>				AA/Black <b>16.1%</b>			
Hispanic <b>18.7%</b>				Hispanic <b>17.8%</b>			
White <b>56.8%</b>				White <b>60.1%</b>			
Other <b>6.3%</b>				Other <b>6.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>18.2%</b>	<b>14.4%</b>	<b>3.8%</b>
Hispanic	<b>18.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.7%</b>	<b>14.5%</b>	<b>4.2%</b>
White	<b>56.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>56.8%</b>	<b>66.4%</b>	<b>-9.6%</b>
Other	<b>6.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.3%</b>	<b>4.6%</b>	<b>1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	631	<b>38.2%</b>	<b>53.6%</b>	NW	220	<b>39.1%</b>	<b>44.0%</b>
White	815	<b>61.8%</b>	<b>46.4%</b>	White	321	<b>60.9%</b>	<b>56.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .282 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .494* sig.				Odds ratio Exp(B) <sup>7</sup> : .825 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.7%</b>	<b>29.4%</b>	<b>16.3%</b>	<b>3.5%</b>	NW	<b>12</b>	<b>N/A</b>
Hispanic	<b>40.1%</b>	<b>42.8%</b>	<b>13.0%</b>	<b>4.1%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>51.0%</b>	<b>39.7%</b>	<b>6.4%</b>	<b>2.9%</b>			
Other	<b>56.4%</b>	<b>38.3%</b>	<b>4.3%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,735</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,671)				ITP Stops <sup>3</sup> (N = 1,451)			
Mean age				Mean age			
<b>37.99</b>				<b>37.56</b>			
Gender %				Gender %			
Female <b>16.9%</b>				Female <b>16.1%</b>			
Male <b>83.1%</b>				Male <b>83.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>46.6%</b>				Race % Mis/Unk <sup>4</sup> <b>44.2%</b>			
AA/Black <b>15.6%</b>				AA/Black <b>16.4%</b>			
Hispanic <b>20.1%</b>				Hispanic <b>19.8%</b>			
White <b>61.2%</b>				White <b>61.1%</b>			
Other <b>3.1%</b>				Other <b>2.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>15.6%</b>	<b>14.4%</b>	<b>1.2%</b>
Hispanic	<b>20.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.1%</b>	<b>14.5%</b>	<b>5.6%</b>
White	<b>61.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>61.2%</b>	<b>66.4%</b>	<b>-5.2%</b>
Other	<b>3.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.1%</b>	<b>4.6%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	928	<b>37.1%</b>	<b>47.5%</b>	NW	274	<b>35.2%</b>	<b>48.1%</b>
White	1,483	<b>62.9%</b>	<b>52.5%</b>	White	448	<b>64.8%</b>	<b>51.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .003* sig.			
Odds ratio Exp(B) <sup>7</sup> : .616* sig.				Odds ratio Exp(B) <sup>7</sup> : .437* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.7%</b>	<b>52.9%</b>	<b>8.4%</b>	<b>1.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>28.2%</b>	<b>62.3%</b>	<b>8.5%</b>	<b>1.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>43.8%</b>	<b>53.2%</b>	<b>2.3%</b>	<b>0.7%</b>			
Other	<b>28.7%</b>	<b>67.5%</b>	<b>3.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>1,242</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,227)				ITP Stops <sup>3</sup> (N = 489)			
Mean age				Mean age			
<b>34.59</b>				<b>35.12</b>			
Gender %				Gender %			
Female <b>27.9%</b>				Female <b>30.0%</b>			
Male <b>72.1%</b>				Male <b>70.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>27.3%</b>				AA/Black <b>30.0%</b>			
Hispanic <b>20.0%</b>				Hispanic <b>20.2%</b>			
White <b>45.2%</b>				White <b>44.1%</b>			
Other <b>7.4%</b>				Other <b>5.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>27.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>27.3%</b>	<b>14.4%</b>	<b>12.9%</b>
Hispanic	<b>20.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.0%</b>	<b>14.5%</b>	<b>5.5%</b>
White	<b>45.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>45.2%</b>	<b>66.4%</b>	<b>-21.2%</b>
Other	<b>7.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.4%</b>	<b>4.6%</b>	<b>2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	643	<b>50.6%</b>	<b>59.5%</b>	NW	255	<b>56.4%</b>	<b>55.1%</b>
White	534	<b>49.4%</b>	<b>40.5%</b>	White	204	<b>43.6%</b>	<b>44.9%</b>
Chi-square, X-tab <sup>6</sup> :		.002*	sig.	Chi-square, X-tab <sup>6</sup> :		.794	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.752*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.404	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.0%</b>	<b>32.5%</b>	<b>11.3%</b>	<b>2.1%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>47.8%</b>	<b>39.2%</b>	<b>11.8%</b>	<b>1.2%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>58.8%</b>	<b>36.3%</b>	<b>4.7%</b>	<b>0.2%</b>			
Other	<b>59.3%</b>	<b>37.4%</b>	<b>2.2%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>889</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 879)				ITP Stops <sup>3</sup> (N = 182)			
Mean age				Mean age			
<b>38.13</b>				<b>39.66</b>			
Gender %				Gender %			
Female <b>32.6%</b>				Female <b>36.7%</b>			
Male <b>67.4%</b>				Male <b>63.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>22.4%</b>				AA/Black <b>17.7%</b>			
Hispanic <b>11.2%</b>				Hispanic <b>13.3%</b>			
White <b>60.3%</b>				White <b>65.7%</b>			
Other <b>6.2%</b>				Other <b>3.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>22.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>22.4%</b>	<b>14.4%</b>	<b>8.0%</b>
Hispanic	<b>11.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.2%</b>	<b>14.5%</b>	<b>-3.3%</b>
White	<b>60.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>60.3%</b>	<b>66.4%</b>	<b>-6.1%</b>
Other	<b>6.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.2%</b>	<b>4.6%</b>	<b>1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	344	<b>39.2%</b>	<b>44.4%</b>	NW	58	<b>35.7%</b>	<b>27.6%</b>
White	520	<b>60.8%</b>	<b>55.6%</b>	White	111	<b>64.3%</b>	<b>72.4%</b>
Chi-square, X-tab <sup>6</sup> :		.317	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.401	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.806	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.673	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.5%</b>	<b>30.0%</b>	<b>3.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>63.3%</b>	<b>31.6%</b>	<b>5.1%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>76.7%</b>	<b>21.3%</b>	<b>1.9%</b>	<b>0.2%</b>			
Other	<b>63.0%</b>	<b>37.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.017*	<i>sig.</i>				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>168</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>N/A</b>	Citations per 1000			
	Passing through:		<b>N/A</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 164)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>34.17</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>26.7%</b>		Female		<b>N/A</b>	
Male		<b>73.3%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>2.4%</b>				<b>N/A</b>	
AA/Black		<b>25.0%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>11.9%</b>		Hispanic		<b>N/A</b>	
White		<b>58.1%</b>		White		<b>N/A</b>	
Other		<b>5.0%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>25.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>25.0%</b>	<b>14.4%</b>	<b>10.6%</b>
Hispanic	<b>11.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.9%</b>	<b>14.5%</b>	<b>-2.6%</b>
White	<b>58.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>58.1%</b>	<b>66.4%</b>	<b>-8.3%</b>
Other	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.0%</b>	<b>4.6%</b>	<b>0.4%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	66	<b>40.4%</b>	<b>46.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	90	<b>59.6%</b>	<b>53.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.455	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.766	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>34.1%</b>	<b>48.8%</b>	<b>9.8%</b>	<b>7.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>35.0%</b>	<b>40.0%</b>	<b>15.0%</b>	<b>10.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>44.7%</b>	<b>52.1%</b>	<b>2.1%</b>	<b>1.1%</b>			
Other	<b>37.5%</b>	<b>62.5%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.109	not sig.				
<sup>8</sup> 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 <sup>1</sup> : <b>2,570</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,494)				ITP Stops <sup>3</sup> (N = 706)			
Mean age				Mean age			
<b>35.75</b>				<b>35.42</b>			
Gender %				Gender %			
Female <b>30.3%</b>				Female <b>30.0%</b>			
Male <b>69.6%</b>				Male <b>70.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>16.9%</b>				AA/Black <b>15.3%</b>			
Hispanic <b>17.2%</b>				Hispanic <b>19.2%</b>			
White <b>60.1%</b>				White <b>58.7%</b>			
Other <b>5.8%</b>				Other <b>6.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.9%</b>	<b>14.4%</b>	<b>2.5%</b>
Hispanic	<b>17.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.2%</b>	<b>14.5%</b>	<b>2.7%</b>
White	<b>60.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>60.1%</b>	<b>66.4%</b>	<b>-6.3%</b>
Other	<b>5.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.8%</b>	<b>4.6%</b>	<b>1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	891	<b>32.9%</b>	<b>49.2%</b>	NW	256	<b>36.8%</b>	<b>51.0%</b>
White	1,368	<b>67.1%</b>	<b>50.8%</b>	White	361	<b>63.2%</b>	<b>49.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .515* sig.				Odds ratio Exp(B) <sup>7</sup> : .663* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.3%</b>	<b>41.5%</b>	<b>16.7%</b>	<b>4.5%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>38.4%</b>	<b>47.4%</b>	<b>11.4%</b>	<b>2.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>45.4%</b>	<b>45.0%</b>	<b>7.7%</b>	<b>1.8%</b>			
Other	<b>40.6%</b>	<b>51.0%</b>	<b>6.3%</b>	<b>2.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>3,698</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,616)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.4%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .573* sig.				Odds ratio Exp(B) <sup>7</sup> : .713* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>6,714</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,817)				ITP Stops <sup>3</sup> (N = 1,365)			
Mean age				Mean age			
<b>35.09</b>				<b>35.82</b>			
Gender %				Gender %			
Female <b>28.2%</b>				Female <b>26.6%</b>			
Male <b>71.7%</b>				Male <b>73.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>10.9%</b>				AA/Black <b>9.7%</b>			
Hispanic <b>32.6%</b>				Hispanic <b>29.3%</b>			
White <b>50.5%</b>				White <b>55.5%</b>			
Other <b>6.1%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.9%</b>	<b>14.4%</b>	<b>-3.5%</b>
Hispanic	<b>32.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>32.6%</b>	<b>14.5%</b>	<b>18.1%</b>
White	<b>50.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>50.5%</b>	<b>66.4%</b>	<b>-15.9%</b>
Other	<b>6.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.1%</b>	<b>4.6%</b>	<b>1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,720	<b>42.0%</b>	<b>56.7%</b>	NW	530	<b>43.6%</b>	<b>47.1%</b>
White	2,743	<b>58.0%</b>	<b>43.3%</b>	White	648	<b>56.4%</b>	<b>52.9%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.245	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.557*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.865	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.0%</b>	<b>24.3%</b>	<b>13.2%</b>	<b>3.5%</b>	NW	<b>42</b>	<b>N/A</b>
Hispanic	<b>61.5%</b>	<b>23.0%</b>	<b>12.5%</b>	<b>3.0%</b>	White	<b>39</b>	<b>N/A</b>
White	<b>62.0%</b>	<b>27.8%</b>	<b>7.1%</b>	<b>3.1%</b>			
Other	<b>65.6%</b>	<b>29.2%</b>	<b>4.7%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>5,649</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,391)				ITP Stops <sup>3</sup> (N = 2,072)			
Mean age				Mean age			
<b>36.47</b>				<b>36.83</b>			
Gender %				Gender %			
Female <b>33.2%</b>				Female <b>31.2%</b>			
Male <b>66.8%</b>				Male <b>68.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>6.8%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>15.4%</b>				Hispanic <b>15.3%</b>			
White <b>74.1%</b>				White <b>76.1%</b>			
Other <b>3.7%</b>				Other <b>2.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.8%</b>	<b>14.4%</b>	<b>-7.6%</b>
Hispanic	<b>15.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>15.4%</b>	<b>14.5%</b>	<b>0.9%</b>
White	<b>74.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>74.1%</b>	<b>66.4%</b>	<b>7.7%</b>
Other	<b>3.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.7%</b>	<b>4.6%</b>	<b>-0.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,295	<b>22.3%</b>	<b>31.8%</b>	NW	409	<b>24.2%</b>	<b>21.8%</b>
White	3,722	<b>77.7%</b>	<b>68.2%</b>	White	1,341	<b>75.8%</b>	<b>78.2%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.280	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.583*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.095	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.6%</b>	<b>24.2%</b>	<b>12.1%</b>	<b>3.1%</b>	NW	<b>13</b>	<b>N/A</b>
Hispanic	<b>53.4%</b>	<b>25.4%</b>	<b>17.9%</b>	<b>3.3%</b>	White	<b>30</b>	<b>N/A</b>
White	<b>67.5%</b>	<b>25.5%</b>	<b>5.0%</b>	<b>2.0%</b>			
Other	<b>63.1%</b>	<b>32.5%</b>	<b>3.0%</b>	<b>1.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>6,226</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,586)				ITP Stops <sup>3</sup> (N = 1,601)			
Mean age				Mean age			
<b>35.26</b>				<b>35.29</b>			
Gender %				Gender %			
Female <b>27.8%</b>				Female <b>25.7%</b>			
Male <b>72.2%</b>				Male <b>74.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>			
AA/Black <b>14.9%</b>				AA/Black <b>10.2%</b>			
Hispanic <b>17.9%</b>				Hispanic <b>19.1%</b>			
White <b>57.6%</b>				White <b>61.8%</b>			
Other <b>9.6%</b>				Other <b>8.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>14.9%</b>	<b>14.4%</b>	<b>0.5%</b>
Hispanic	<b>17.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.9%</b>	<b>14.5%</b>	<b>3.4%</b>
White	<b>57.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>57.6%</b>	<b>66.4%</b>	<b>-8.8%</b>
Other	<b>9.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>9.6%</b>	<b>4.6%</b>	<b>5.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,224	<b>38.2%</b>	<b>47.7%</b>	NW	532	<b>39.1%</b>	<b>36.1%</b>
White	3,009	<b>61.8%</b>	<b>52.3%</b>	White	869	<b>60.9%</b>	<b>63.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .262 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .670* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.130 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.2%</b>	<b>20.2%</b>	<b>8.7%</b>	<b>4.9%</b>	NW	<b>20</b>	<b>N/A</b>
Hispanic	<b>55.0%</b>	<b>24.5%</b>	<b>17.0%</b>	<b>3.5%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>68.1%</b>	<b>24.0%</b>	<b>6.1%</b>	<b>1.8%</b>			
Other	<b>67.7%</b>	<b>26.6%</b>	<b>4.7%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,344</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,690)				ITP Stops <sup>3</sup> (N = 718)			
Mean age				Mean age			
<b>36.52</b>				<b>37.2</b>			
Gender %				Gender %			
Female <b>26.7%</b>				Female <b>25.5%</b>			
Male <b>73.3%</b>				Male <b>74.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>20.2%</b>				AA/Black <b>14.1%</b>			
Hispanic <b>26.6%</b>				Hispanic <b>25.9%</b>			
White <b>42.6%</b>				White <b>50.0%</b>			
Other <b>10.5%</b>				Other <b>10.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>20.2%</b>	<b>14.4%</b>	<b>5.8%</b>
Hispanic	<b>26.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>26.6%</b>	<b>14.5%</b>	<b>12.1%</b>
White	<b>42.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>42.6%</b>	<b>66.4%</b>	<b>-23.8%</b>
Other	<b>10.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>10.5%</b>	<b>4.6%</b>	<b>5.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,018	<b>46.3%</b>	<b>67.0%</b>	NW	316	<b>46.8%</b>	<b>54.7%</b>
White	1,488	<b>53.7%</b>	<b>33.0%</b>	White	316	<b>53.2%</b>	<b>45.3%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.052	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.430*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.902	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>71.9%</b>	<b>13.5%</b>	<b>13.0%</b>	<b>1.6%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>65.2%</b>	<b>15.6%</b>	<b>16.4%</b>	<b>2.7%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>73.9%</b>	<b>16.8%</b>	<b>7.6%</b>	<b>1.7%</b>			
Other	<b>74.4%</b>	<b>19.1%</b>	<b>4.9%</b>	<b>1.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>5,192</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,802)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.5%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .482* sig.				Odds ratio Exp(B) <sup>7</sup> : .658* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>6,838</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,768)				ITP Stops <sup>3</sup> (N = 1,580)			
Mean age				Mean age			
<b>36.86</b>				<b>37.13</b>			
Gender %				Gender %			
Female <b>30.1%</b>				Female <b>29.0%</b>			
Male <b>69.9%</b>				Male <b>70.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>3.8%</b>			
AA/Black <b>12.4%</b>				AA/Black <b>10.5%</b>			
Hispanic <b>19.1%</b>				Hispanic <b>19.4%</b>			
White <b>62.9%</b>				White <b>64.7%</b>			
Other <b>5.6%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.4%</b>	<b>14.4%</b>	<b>-2.0%</b>
Hispanic	<b>19.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.1%</b>	<b>14.5%</b>	<b>4.6%</b>
White	<b>62.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.9%</b>	<b>66.4%</b>	<b>-3.5%</b>
Other	<b>5.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.6%</b>	<b>4.6%</b>	<b>1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,021	<b>30.6%</b>	<b>45.3%</b>	NW	484	<b>34.2%</b>	<b>37.8%</b>
White	3,407	<b>69.4%</b>	<b>54.7%</b>	White	875	<b>65.8%</b>	<b>62.2%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.178	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.544*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.840	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.7%</b>	<b>15.5%</b>	<b>14.6%</b>	<b>4.2%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>56.8%</b>	<b>17.9%</b>	<b>20.0%</b>	<b>5.2%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>68.2%</b>	<b>21.0%</b>	<b>7.4%</b>	<b>3.5%</b>			
Other	<b>74.1%</b>	<b>18.7%</b>	<b>4.7%</b>	<b>2.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,286</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,205)				ITP Stops <sup>3</sup> (N = 2,061)			
Mean age				Mean age			
<b>35.05</b>				<b>34.19</b>			
Gender %				Gender %			
Female <b>35.2%</b>				Female <b>33.5%</b>			
Male <b>64.8%</b>				Male <b>66.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>12.9%</b>				AA/Black <b>12.7%</b>			
Hispanic <b>28.5%</b>				Hispanic <b>33.3%</b>			
White <b>55.8%</b>				White <b>51.8%</b>			
Other <b>2.8%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>12.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.9%</b>	<b>-1.5%</b>
Hispanic	<b>28.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>28.5%</b>	<b>14.0%</b>
White	<b>55.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>55.8%</b>	<b>-10.6%</b>
Other	<b>2.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.8%</b>	<b>-1.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,727	<b>40.2%</b>	<b>51.0%</b>	NW	882	<b>49.9%</b>	<b>43.8%</b>
White	2,206	<b>59.8%</b>	<b>49.0%</b>	White	958	<b>50.1%</b>	<b>56.2%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.014*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.606*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.865	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>42.0%</b>	<b>37.5%</b>	<b>18.6%</b>	<b>1.8%</b>	NW	<b>11</b>	<b>N/A</b>
Hispanic	<b>41.2%</b>	<b>33.3%</b>	<b>23.7%</b>	<b>1.8%</b>	White	<b>21</b>	<b>N/A</b>
White	<b>43.1%</b>	<b>48.5%</b>	<b>7.4%</b>	<b>0.9%</b>			
Other	<b>33.9%</b>	<b>64.4%</b>	<b>1.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,983</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,921)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.3%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .199 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .628* sig.				Odds ratio Exp(B) <sup>7</sup> : .921 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,949</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,829)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.4%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .182 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .687* sig.				Odds ratio Exp(B) <sup>7</sup> : .848 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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%			
Chi-square, X-tab <sup>6</sup> : .000* sig.						Counts	Percent

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>6,535</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,061)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 0.8%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .017* sig.			
Odds ratio Exp(B) <sup>7</sup> : .537* sig.				Odds ratio Exp(B) <sup>7</sup> : .782 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>2,984</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,925)				ITP Stops <sup>3</sup> (N = 902)			
Mean age				Mean age			
<b>37.61</b>				<b>37.41</b>			
Gender %				Gender %			
Female <b>37.4%</b>				Female <b>37.7%</b>			
Male <b>62.6%</b>				Male <b>62.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>8.6%</b>				AA/Black <b>7.2%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>5.0%</b>			
White <b>85.2%</b>				White <b>86.7%</b>			
Other <b>1.1%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.6%</b>	<b>14.4%</b>	<b>-5.8%</b>
Hispanic	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.0%</b>	<b>14.5%</b>	<b>-9.5%</b>
White	<b>85.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.2%</b>	<b>66.4%</b>	<b>18.8%</b>
Other	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.1%</b>	<b>4.6%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	409	<b>10.8%</b>	<b>20.8%</b>	NW	104	<b>10.0%</b>	<b>16.7%</b>
White	2,369	<b>89.2%</b>	<b>79.2%</b>	White	691	<b>90.0%</b>	<b>83.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .006* sig.			
Odds ratio Exp(B) <sup>7</sup> : .449* sig.				Odds ratio Exp(B) <sup>7</sup> : .702 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.4%</b>	<b>15.0%</b>	<b>13.8%</b>	<b>2.8%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>67.1%</b>	<b>13.4%</b>	<b>14.1%</b>	<b>5.4%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>75.0%</b>	<b>16.6%</b>	<b>7.5%</b>	<b>0.9%</b>			
Other	<b>87.9%</b>	<b>12.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>1,904</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,837)				ITP Stops <sup>3</sup> (N = 578)			
Mean age				Mean age			
<b>34.65</b>				<b>36.22</b>			
Gender %				Gender %			
Female <b>32.1%</b>				Female <b>29.8%</b>			
Male <b>67.7%</b>				Male <b>70.0%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>			
AA/Black <b>7.9%</b>				AA/Black <b>6.0%</b>			
Hispanic <b>17.6%</b>				Hispanic <b>16.3%</b>			
White <b>71.6%</b>				White <b>73.6%</b>			
Other <b>2.9%</b>				Other <b>4.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.9%</b>	<b>14.4%</b>	<b>-6.5%</b>
Hispanic	<b>17.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.6%</b>	<b>14.5%</b>	<b>3.1%</b>
White	<b>71.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>71.6%</b>	<b>66.4%</b>	<b>5.2%</b>
Other	<b>2.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.9%</b>	<b>4.6%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	491	<b>24.5%</b>	<b>32.4%</b>	NW	132	<b>22.3%</b>	<b>31.4%</b>
White	1,238	<b>75.5%</b>	<b>67.6%</b>	White	376	<b>77.7%</b>	<b>68.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .021* sig.			
Odds ratio Exp(B) <sup>7</sup> : .672* sig.				Odds ratio Exp(B) <sup>7</sup> : .604* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.2%</b>	<b>20.3%</b>	<b>16.2%</b>	<b>1.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>61.2%</b>	<b>15.1%</b>	<b>22.8%</b>	<b>0.9%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>72.7%</b>	<b>16.6%</b>	<b>9.2%</b>	<b>1.4%</b>			
Other	<b>63.0%</b>	<b>20.4%</b>	<b>13.0%</b>	<b>3.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>8,373</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 8,182)				ITP Stops <sup>3</sup> (N = 2,752)			
Mean age				Mean age			
<b>36.07</b>				<b>35.18</b>			
Gender %				Gender %			
Female <b>37.5%</b>				Female <b>35.9%</b>			
Male <b>62.4%</b>				Male <b>64.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>10.7%</b>				AA/Black <b>10.3%</b>			
Hispanic <b>23.0%</b>				Hispanic <b>24.3%</b>			
White <b>63.0%</b>				White <b>61.7%</b>			
Other <b>3.4%</b>				Other <b>3.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.7%</b>	<b>14.4%</b>	<b>-3.7%</b>
Hispanic	<b>23.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>23.0%</b>	<b>14.5%</b>	<b>8.5%</b>
White	<b>63.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.0%</b>	<b>66.4%</b>	<b>-3.4%</b>
Other	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.4%</b>	<b>4.6%</b>	<b>-1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,868	<b>34.9%</b>	<b>42.1%</b>	NW	928	<b>40.3%</b>	<b>34.5%</b>
White	4,872	<b>65.1%</b>	<b>57.9%</b>	White	1,481	<b>59.7%</b>	<b>65.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .007* sig.			
Odds ratio Exp(B) <sup>7</sup> : .713* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.016 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>51.7%</b>	<b>35.5%</b>	<b>11.4%</b>	<b>1.4%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>46.5%</b>	<b>32.8%</b>	<b>18.2%</b>	<b>2.5%</b>	White	<b>30</b>	<b>N/A</b>
White	<b>55.8%</b>	<b>37.4%</b>	<b>5.3%</b>	<b>1.5%</b>			
Other	<b>43.8%</b>	<b>51.6%</b>	<b>3.2%</b>	<b>1.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,765</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,575)				ITP Stops <sup>3</sup> (N = 1,471)			
Mean age				Mean age			
<b>35.62</b>				<b>35.58</b>			
Gender %				Gender %			
Female <b>36.2%</b>				Female <b>36.6%</b>			
Male <b>63.7%</b>				Male <b>63.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>14.0%</b>				AA/Black <b>14.2%</b>			
Hispanic <b>19.8%</b>				Hispanic <b>20.2%</b>			
White <b>61.5%</b>				White <b>60.9%</b>			
Other <b>4.8%</b>				Other <b>4.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>14.0%</b>	<b>14.4%</b>	<b>-0.4%</b>
Hispanic	<b>19.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.8%</b>	<b>14.5%</b>	<b>5.3%</b>
White	<b>61.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>61.5%</b>	<b>66.4%</b>	<b>-4.9%</b>
Other	<b>4.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.8%</b>	<b>4.6%</b>	<b>0.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,645	<b>35.4%</b>	<b>44.3%</b>	NW	493	<b>37.1%</b>	<b>41.2%</b>
White	2,648	<b>64.6%</b>	<b>55.7%</b>	White	793	<b>62.9%</b>	<b>58.8%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.168	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.681*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.723*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.8%</b>	<b>20.4%</b>	<b>13.8%</b>	<b>3.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>59.7%</b>	<b>22.7%</b>	<b>15.8%</b>	<b>1.9%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>66.7%</b>	<b>25.9%</b>	<b>5.6%</b>	<b>1.8%</b>			
Other	<b>59.4%</b>	<b>35.6%</b>	<b>3.2%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>3,976</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,948)				ITP Stops <sup>3</sup> (N = 1,462)			
Mean age				Mean age			
<b>35.76</b>				<b>35.12</b>			
Gender %				Gender %			
Female <b>29.1%</b>				Female <b>28.5%</b>			
Male <b>70.8%</b>				Male <b>71.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>11.0%</b>				AA/Black <b>10.8%</b>			
Hispanic <b>19.9%</b>				Hispanic <b>20.6%</b>			
White <b>63.6%</b>				White <b>62.8%</b>			
Other <b>5.6%</b>				Other <b>5.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.0%</b>	<b>14.4%</b>	<b>-3.4%</b>
Hispanic	<b>19.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.9%</b>	<b>14.5%</b>	<b>5.4%</b>
White	<b>63.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.6%</b>	<b>66.4%</b>	<b>-2.8%</b>
Other	<b>5.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.6%</b>	<b>4.6%</b>	<b>1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,357	<b>34.4%</b>	<b>45.7%</b>	NW	481	<b>34.5%</b>	<b>43.0%</b>
White	2,401	<b>65.6%</b>	<b>54.3%</b>	White	834	<b>65.5%</b>	<b>57.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .006* sig.			
Odds ratio Exp(B) <sup>7</sup> : .626* sig.				Odds ratio Exp(B) <sup>7</sup> : .570* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>48.7%</b>	<b>39.1%</b>	<b>11.0%</b>	<b>1.1%</b>	NW	<b>26</b>	<b>N/A</b>
Hispanic	<b>42.8%</b>	<b>42.3%</b>	<b>13.7%</b>	<b>1.2%</b>	White	<b>25</b>	<b>N/A</b>
White	<b>53.1%</b>	<b>43.2%</b>	<b>3.4%</b>	<b>0.2%</b>			
Other	<b>53.1%</b>	<b>44.8%</b>	<b>2.7%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>5,197</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,114)				ITP Stops <sup>3</sup> (N = 1,094)			
Mean age				Mean age			
<b>35.48</b>				<b>35.28</b>			
Gender %				Gender %			
Female <b>39.4%</b>				Female <b>37.1%</b>			
Male <b>60.6%</b>				Male <b>62.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>7.8%</b>				AA/Black <b>7.1%</b>			
Hispanic <b>12.3%</b>				Hispanic <b>12.3%</b>			
White <b>75.7%</b>				White <b>76.1%</b>			
Other <b>4.2%</b>				Other <b>4.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.8%</b>	<b>14.4%</b>	<b>-6.6%</b>
Hispanic	<b>12.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>12.3%</b>	<b>14.5%</b>	<b>-2.2%</b>
White	<b>75.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>75.7%</b>	<b>66.4%</b>	<b>9.3%</b>
Other	<b>4.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.2%</b>	<b>4.6%</b>	<b>-0.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,204	<b>24.6%</b>	<b>23.8%</b>	NW	236	<b>25.3%</b>	<b>21.9%</b>
White	3,721	<b>75.4%</b>	<b>76.2%</b>	White	729	<b>74.7%</b>	<b>78.1%</b>
Chi-square, X-tab <sup>6</sup> :		.599	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.295	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		1.041	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.812	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.5%</b>	<b>26.0%</b>	<b>7.5%</b>	<b>1.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>60.4%</b>	<b>25.6%</b>	<b>13.2%</b>	<b>0.8%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>68.9%</b>	<b>26.6%</b>	<b>3.8%</b>	<b>0.7%</b>			
Other	<b>64.8%</b>	<b>32.9%</b>	<b>2.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,694</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,437)				ITP Stops <sup>3</sup> (N = 1,277)			
Mean age				Mean age			
<b>34.63</b>				<b>35.12</b>			
Gender %				Gender %			
Female <b>32.3%</b>				Female <b>32.7%</b>			
Male <b>67.7%</b>				Male <b>67.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>13.4%</b>				AA/Black <b>9.3%</b>			
Hispanic <b>21.4%</b>				Hispanic <b>20.6%</b>			
White <b>60.0%</b>				White <b>65.6%</b>			
Other <b>5.2%</b>				Other <b>4.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>13.4%</b>	<b>14.4%</b>	<b>-1.0%</b>
Hispanic	<b>21.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>21.4%</b>	<b>14.5%</b>	<b>6.9%</b>
White	<b>60.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>60.0%</b>	<b>66.4%</b>	<b>-6.4%</b>
Other	<b>5.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.2%</b>	<b>4.6%</b>	<b>0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,710	<b>33.1%</b>	<b>49.0%</b>	NW	394	<b>32.6%</b>	<b>35.9%</b>
White	2,569	<b>66.9%</b>	<b>51.0%</b>	White	773	<b>67.4%</b>	<b>64.1%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.249	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.508*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.743	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.5%</b>	<b>26.3%</b>	<b>13.0%</b>	<b>2.2%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>44.2%</b>	<b>30.1%</b>	<b>22.9%</b>	<b>2.8%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>59.3%</b>	<b>32.4%</b>	<b>6.4%</b>	<b>1.8%</b>			
Other	<b>44.7%</b>	<b>44.7%</b>	<b>9.3%</b>	<b>1.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>2,701</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,621)				ITP Stops <sup>3</sup> (N = 578)			
Mean age				Mean age			
<b>35.02</b>				<b>35.43</b>			
Gender %				Gender %			
Female <b>32.9%</b>				Female <b>31.1%</b>			
Male <b>67.0%</b>				Male <b>68.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>14.8%</b>				AA/Black <b>14.0%</b>			
Hispanic <b>19.0%</b>				Hispanic <b>21.4%</b>			
White <b>62.3%</b>				White <b>61.9%</b>			
Other <b>4.0%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>14.8%</b>	<b>14.4%</b>	<b>0.4%</b>
Hispanic	<b>19.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.0%</b>	<b>14.5%</b>	<b>4.5%</b>
White	<b>62.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.3%</b>	<b>66.4%</b>	<b>-4.1%</b>
Other	<b>4.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.0%</b>	<b>4.6%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	942	<b>32.4%</b>	<b>46.5%</b>	NW	192	<b>38.8%</b>	<b>37.3%</b>
White	1,550	<b>67.6%</b>	<b>53.5%</b>	White	309	<b>61.2%</b>	<b>62.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.738	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.546*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.928	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.3%</b>	<b>9.1%</b>	<b>23.8%</b>	<b>1.8%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>56.6%</b>	<b>9.4%</b>	<b>30.3%</b>	<b>3.7%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>78.5%</b>	<b>10.0%</b>	<b>10.0%</b>	<b>1.5%</b>			
Other	<b>72.9%</b>	<b>12.1%</b>	<b>15.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,248</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,909)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .655 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .754* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.624* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>6,423</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,266)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.862	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.652*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.952	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>7,061</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,537)				ITP Stops <sup>3</sup> (N = 1,433)			
Mean age				Mean age			
<b>34.77</b>				<b>35.18</b>			
Gender %				Gender %			
Female		<b>35.0%</b>		Female		<b>32.4%</b>	
Male		<b>65.0%</b>		Male		<b>67.6%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.0%</b>	
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black		<b>16.6%</b>		AA/Black		<b>13.8%</b>	
Hispanic		<b>24.3%</b>		Hispanic		<b>24.3%</b>	
White		<b>54.0%</b>		White		<b>57.0%</b>	
Other		<b>5.1%</b>		Other		<b>5.0%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.6%</b>	<b>14.4%</b>	<b>2.2%</b>
Hispanic	<b>24.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>24.3%</b>	<b>14.5%</b>	<b>9.8%</b>
White	<b>54.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>54.0%</b>	<b>66.4%</b>	<b>-12.4%</b>
Other	<b>5.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.1%</b>	<b>4.6%</b>	<b>0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,882	<b>43.1%</b>	<b>52.4%</b>	NW	539	<b>39.7%</b>	<b>52.3%</b>
White	3,366	<b>56.9%</b>	<b>47.6%</b>	White	700	<b>60.3%</b>	<b>47.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.000*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.701*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.592*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.5%</b>	<b>28.7%</b>	<b>13.3%</b>	<b>2.6%</b>	NW	<b>21</b>	<b>N/A</b>
Hispanic	<b>50.7%</b>	<b>30.7%</b>	<b>16.0%</b>	<b>2.6%</b>	White	<b>31</b>	<b>N/A</b>
White	<b>61.7%</b>	<b>31.9%</b>	<b>5.4%</b>	<b>1.1%</b>			
Other	<b>65.1%</b>	<b>30.3%</b>	<b>4.0%</b>	<b>0.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>3,654</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,619)				ITP Stops <sup>3</sup> (N = 1,093)			
Mean age				Mean age			
<b>38.29</b>				<b>37.63</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>34.5%</b>			
Male <b>63.6%</b>				Male <b>65.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>6.9%</b>				AA/Black <b>6.1%</b>			
Hispanic <b>9.7%</b>				Hispanic <b>10.2%</b>			
White <b>80.3%</b>				White <b>80.7%</b>			
Other <b>3.0%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.9%</b>	<b>14.4%</b>	<b>-7.5%</b>
Hispanic	<b>9.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.7%</b>	<b>14.5%</b>	<b>-4.8%</b>
White	<b>80.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>80.3%</b>	<b>66.4%</b>	<b>13.9%</b>
Other	<b>3.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.0%</b>	<b>4.6%</b>	<b>-1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	690	<b>18.7%</b>	<b>25.3%</b>	NW	194	<b>19.4%</b>	<b>22.8%</b>
White	2,778	<b>81.3%</b>	<b>74.7%</b>	White	772	<b>80.6%</b>	<b>77.2%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.293	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.681*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.736	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.7%</b>	<b>9.9%</b>	<b>6.0%</b>	<b>2.4%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>74.7%</b>	<b>12.0%</b>	<b>10.6%</b>	<b>2.8%</b>	White	<b>15</b>	<b>N/A</b>
White	<b>91.0%</b>	<b>5.0%</b>	<b>3.5%</b>	<b>0.5%</b>			
Other	<b>90.0%</b>	<b>7.3%</b>	<b>2.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>534</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 515)				ITP Stops <sup>3</sup> (N = 125)			
Mean age				Mean age			
<b>39.18</b>				<b>36.85</b>			
Gender %				Gender %			
Female <b>31.6%</b>				Female <b>30.4%</b>			
Male <b>68.4%</b>				Male <b>69.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>9.4%</b>				AA/Black <b>8.9%</b>			
Hispanic <b>20.6%</b>				Hispanic <b>17.1%</b>			
White <b>63.9%</b>				White <b>65.9%</b>			
Other <b>6.1%</b>				Other <b>8.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.4%</b>	<b>14.4%</b>	<b>-5.0%</b>
Hispanic	<b>20.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.6%</b>	<b>14.5%</b>	<b>6.1%</b>
White	<b>63.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.9%</b>	<b>66.4%</b>	<b>-2.5%</b>
Other	<b>6.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.1%</b>	<b>4.6%</b>	<b>1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	174	<b>34.9%</b>	<b>41.7%</b>	NW	34	<b>30.2%</b>	<b>45.5%</b>
White	315	<b>65.1%</b>	<b>58.3%</b>	White	73	<b>69.8%</b>	<b>54.5%</b>
Chi-square, X-tab <sup>6</sup> :		.354	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.304	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.796	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.439	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>88.2%</b>	<b>11.8%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>88.2%</b>	<b>5.5%</b>	<b>4.5%</b>	<b>1.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>93.7%</b>	<b>5.1%</b>	<b>0.9%</b>	<b>0.3%</b>			
Other	<b>87.9%</b>	<b>12.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.032*	<i>sig.</i>				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>9,773</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,286)				ITP Stops <sup>3</sup> (N = 2,617)			
Mean age				Mean age			
<b>33.58</b>				<b>33.79</b>			
Gender %				Gender %			
Female <b>26.8%</b>				Female <b>27.1%</b>			
Male <b>73.1%</b>				Male <b>72.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>19.2%</b>				AA/Black <b>17.1%</b>			
Hispanic <b>21.2%</b>				Hispanic <b>19.9%</b>			
White <b>52.2%</b>				White <b>55.8%</b>			
Other <b>7.4%</b>				Other <b>7.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>19.2%</b>	<b>14.4%</b>	<b>4.8%</b>
Hispanic	<b>21.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>21.2%</b>	<b>14.5%</b>	<b>6.7%</b>
White	<b>52.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>52.2%</b>	<b>66.4%</b>	<b>-14.2%</b>
Other	<b>7.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.4%</b>	<b>4.6%</b>	<b>2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,194	<b>45.9%</b>	<b>50.6%</b>	NW	994	<b>45.2%</b>	<b>42.2%</b>
White	4,562	<b>54.1%</b>	<b>49.4%</b>	White	1,261	<b>54.8%</b>	<b>57.8%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.162	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.824*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.982	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.1%</b>	<b>27.6%</b>	<b>12.8%</b>	<b>3.5%</b>	NW	<b>63</b>	<b>N/A</b>
Hispanic	<b>50.7%</b>	<b>25.8%</b>	<b>19.6%</b>	<b>3.8%</b>	White	<b>28</b>	<b>N/A</b>
White	<b>59.7%</b>	<b>32.9%</b>	<b>5.6%</b>	<b>1.9%</b>			
Other	<b>58.1%</b>	<b>34.3%</b>	<b>5.9%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>6,761</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,665)				ITP Stops <sup>3</sup> (N = 1,716)			
Mean age				Mean age			
<b>35.12</b>				<b>33.23</b>			
Gender %				Gender %			
Female <b>34.1%</b>				Female <b>25.1%</b>			
Male <b>65.8%</b>				Male <b>74.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>20.9%</b>				AA/Black <b>22.8%</b>			
Hispanic <b>13.4%</b>				Hispanic <b>18.7%</b>			
White <b>63.3%</b>				White <b>57.0%</b>			
Other <b>2.3%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>20.9%</b>	<b>14.4%</b>	<b>6.5%</b>
Hispanic	<b>13.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>13.4%</b>	<b>14.5%</b>	<b>-1.1%</b>
White	<b>63.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.3%</b>	<b>66.4%</b>	<b>-3.1%</b>
Other	<b>2.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.3%</b>	<b>4.6%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,347	<b>34.5%</b>	<b>45.1%</b>	NW	637	<b>42.2%</b>	<b>44.8%</b>
White	4,080	<b>65.5%</b>	<b>54.9%</b>	White	840	<b>57.8%</b>	<b>55.2%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.339	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.654*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.907	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>38.2%</b>	<b>50.4%</b>	<b>8.0%</b>	<b>3.3%</b>	NW	<b>84</b>	<b>54.2%</b>
Hispanic	<b>32.7%</b>	<b>51.2%</b>	<b>10.5%</b>	<b>5.5%</b>	White	<b>71</b>	<b>45.8%</b>
White	<b>40.0%</b>	<b>53.3%</b>	<b>4.6%</b>	<b>2.1%</b>			
Other	<b>23.4%</b>	<b>74.0%</b>	<b>2.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>6,380</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,953)				ITP Stops <sup>3</sup> (N = 1,684)			
Mean age				Mean age			
<b>37.88</b>				<b>37.87</b>			
Gender %				Gender %			
Female <b>35.4%</b>				Female <b>32.0%</b>			
Male <b>64.5%</b>				Male <b>68.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>8.6%</b>				AA/Black <b>6.7%</b>			
Hispanic <b>5.2%</b>				Hispanic <b>6.2%</b>			
White <b>83.4%</b>				White <b>84.1%</b>			
Other <b>2.9%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.6%</b>	<b>14.4%</b>	<b>-5.8%</b>
Hispanic	<b>5.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.2%</b>	<b>14.5%</b>	<b>-9.3%</b>
White	<b>83.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>83.4%</b>	<b>66.4%</b>	<b>17.0%</b>
Other	<b>2.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.9%</b>	<b>4.6%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	948	<b>14.8%</b>	<b>19.5%</b>	NW	233	<b>15.9%</b>	<b>15.8%</b>
White	4,731	<b>85.2%</b>	<b>80.5%</b>	White	1,234	<b>84.1%</b>	<b>84.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .981 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .725* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.135 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.0%</b>	<b>24.8%</b>	<b>10.0%</b>	<b>3.1%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>56.0%</b>	<b>25.8%</b>	<b>13.8%</b>	<b>4.3%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>69.7%</b>	<b>23.1%</b>	<b>5.5%</b>	<b>1.7%</b>			
Other	<b>69.6%</b>	<b>24.9%</b>	<b>3.9%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,431</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,285)				ITP Stops <sup>3</sup> (N = 1,403)			
Mean age				Mean age			
<b>37.21</b>				<b>37.04</b>			
Gender %				Gender %			
Female <b>34.3%</b>				Female <b>30.8%</b>			
Male <b>65.7%</b>				Male <b>69.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.4%</b>				Race % Mis/Unk <sup>4</sup> <b>11.0%</b>			
AA/Black <b>11.6%</b>				AA/Black <b>10.9%</b>			
Hispanic <b>7.8%</b>				Hispanic <b>8.2%</b>			
White <b>77.9%</b>				White <b>78.9%</b>			
Other <b>2.7%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.6%</b>	<b>14.4%</b>	<b>-2.8%</b>
Hispanic	<b>7.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.8%</b>	<b>14.5%</b>	<b>-6.7%</b>
White	<b>77.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>77.9%</b>	<b>66.4%</b>	<b>11.5%</b>
Other	<b>2.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.7%</b>	<b>4.6%</b>	<b>-1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	856	<b>18.7%</b>	<b>28.1%</b>	NW	235	<b>20.4%</b>	<b>22.4%</b>
White	3,010	<b>81.3%</b>	<b>71.9%</b>	White	881	<b>79.6%</b>	<b>77.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .448 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .601* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.024 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.3%</b>	<b>14.7%</b>	<b>13.4%</b>	<b>2.5%</b>	NW	<b>11</b>	<b>N/A</b>
Hispanic	<b>51.1%</b>	<b>15.4%</b>	<b>25.4%</b>	<b>8.2%</b>	White	<b>20</b>	<b>N/A</b>
White	<b>74.1%</b>	<b>15.9%</b>	<b>7.9%</b>	<b>2.0%</b>			
Other	<b>75.9%</b>	<b>19.6%</b>	<b>2.7%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>10,873</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,888)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.3%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .086 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .603* sig.				Odds ratio Exp(B) <sup>7</sup> : .952 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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%			
Chi-square, X-tab <sup>6</sup> : .000* sig.							
					Counts	Percent	

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>7,418</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,887)				ITP Stops <sup>3</sup> (N = 1,550)			
Mean age				Mean age			
<b>34.39</b>				<b>35.37</b>			
Gender %				Gender %			
Female <b>32.2%</b>				Female <b>32.3%</b>			
Male <b>67.8%</b>				Male <b>67.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>30.3%</b>				AA/Black <b>22.0%</b>			
Hispanic <b>14.9%</b>				Hispanic <b>15.4%</b>			
White <b>52.4%</b>				White <b>60.5%</b>			
Other <b>2.4%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>30.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>30.3%</b>	<b>14.4%</b>	<b>15.9%</b>
Hispanic	<b>14.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>14.9%</b>	<b>14.5%</b>	<b>0.4%</b>
White	<b>52.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>52.4%</b>	<b>66.4%</b>	<b>-14.0%</b>
Other	<b>2.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.4%</b>	<b>4.6%</b>	<b>-2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,184	<b>42.3%</b>	<b>57.7%</b>	NW	544	<b>38.7%</b>	<b>42.3%</b>
White	3,473	<b>57.7%</b>	<b>42.3%</b>	White	823	<b>61.3%</b>	<b>57.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .218 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .541* sig.				Odds ratio Exp(B) <sup>7</sup> : .780 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.5%</b>	<b>30.8%</b>	<b>12.2%</b>	<b>4.6%</b>	NW	<b>157</b>	<b>67.4%</b>
Hispanic	<b>46.8%</b>	<b>32.7%</b>	<b>17.4%</b>	<b>3.1%</b>	White	<b>76</b>	<b>32.6%</b>
White	<b>58.2%</b>	<b>32.6%</b>	<b>6.8%</b>	<b>2.4%</b>			
Other	<b>54.3%</b>	<b>38.3%</b>	<b>5.7%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>107</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>N/A</b>	Citations per 1000			
	Passing through:		<b>N/A</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 101)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>41.35</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>32.3%</b>		Female		<b>N/A</b>	
Male		<b>67.7%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>3.0%</b>				<b>N/A</b>	
AA/Black		<b>8.2%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>3.1%</b>		Hispanic		<b>N/A</b>	
White		<b>86.7%</b>		White		<b>N/A</b>	
Other		<b>2.0%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>8.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.2%</b>	<b>14.4%</b>	<b>-6.2%</b>
Hispanic	<b>3.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>
White	<b>86.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.7%</b>	<b>66.4%</b>	<b>20.3%</b>
Other	<b>2.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.0%</b>	<b>12.5%</b>	<b>12.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>70.3%</b>	<b>16.5%</b>	<b>9.9%</b>	<b>3.3%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.982		not sig.			
<sup>8</sup> 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 <sup>1</sup> : <b>806</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>N/A</b>	Citations per 1000			
	Passing through:		<b>N/A</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 801)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>40.54</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>24.4%</b>		Female		<b>N/A</b>	
Male		<b>75.6%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup> <b>5.7%</b>		Race %		Mis/Unk <sup>4</sup> <b>N/A</b>	
AA/Black		<b>10.5%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>17.0%</b>		Hispanic		<b>N/A</b>	
White		<b>70.5%</b>		White		<b>N/A</b>	
Other		<b>2.1%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>10.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.5%</b>	<b>14.4%</b>	<b>-3.9%</b>
Hispanic	<b>17.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.0%</b>	<b>14.5%</b>	<b>2.5%</b>
White	<b>70.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>70.5%</b>	<b>66.4%</b>	<b>4.1%</b>
Other	<b>2.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.1%</b>	<b>4.6%</b>	<b>-2.5%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	220	<b>30.3%</b>	<b>26.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	516	<b>69.7%</b>	<b>73.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.474	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.937	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>7.5%</b>	<b>67.5%</b>	<b>23.8%</b>	<b>1.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>3.9%</b>	<b>56.3%</b>	<b>35.9%</b>	<b>3.9%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>13.1%</b>	<b>76.3%</b>	<b>8.6%</b>	<b>2.1%</b>			
Other	<b>12.5%</b>	<b>81.3%</b>	<b>6.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				
<sup>8</sup> 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 <sup>1</sup> : <b>10,140</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,885)				ITP Stops <sup>3</sup> (N = 2,845)			
Mean age				Mean age			
<b>38.04</b>				<b>37.3</b>			
Gender %				Gender %			
Female <b>37.9%</b>				Female <b>34.7%</b>			
Male <b>62.0%</b>				Male <b>65.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>10.9%</b>				AA/Black <b>9.3%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>8.3%</b>			
White <b>79.4%</b>				White <b>80.3%</b>			
Other <b>2.2%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.9%</b>	<b>14.4%</b>	<b>-3.5%</b>
Hispanic	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
White	<b>79.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>79.4%</b>	<b>66.4%</b>	<b>13.0%</b>
Other	<b>2.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.2%</b>	<b>4.6%</b>	<b>-2.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,946	<b>18.6%</b>	<b>26.5%</b>	NW	494	<b>18.6%</b>	<b>22.3%</b>
White	7,557	<b>81.4%</b>	<b>73.5%</b>	White	2,070	<b>81.4%</b>	<b>77.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .059 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .660* sig.				Odds ratio Exp(B) <sup>7</sup> : .710* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.1%</b>	<b>34.8%</b>	<b>8.3%</b>	<b>1.8%</b>	NW	<b>19</b>	<b>N/A</b>
Hispanic	<b>48.3%</b>	<b>37.0%</b>	<b>13.1%</b>	<b>1.6%</b>	White	<b>35</b>	<b>N/A</b>
White	<b>58.9%</b>	<b>35.9%</b>	<b>4.0%</b>	<b>1.2%</b>			
Other	<b>60.8%</b>	<b>35.0%</b>	<b>3.7%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>592</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 549)				ITP Stops <sup>3</sup> (N = 163)			
Mean age				Mean age			
<b>37.41</b>				<b>36.99</b>			
Gender %				Gender %			
Female <b>26.7%</b>				Female <b>24.2%</b>			
Male <b>73.3%</b>				Male <b>75.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>17.3%</b>				AA/Black <b>16.3%</b>			
Hispanic <b>19.0%</b>				Hispanic <b>16.9%</b>			
White <b>55.9%</b>				White <b>58.1%</b>			
Other <b>7.8%</b>				Other <b>8.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>17.3%</b>	<b>14.4%</b>	<b>2.9%</b>
Hispanic	<b>19.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.0%</b>	<b>14.5%</b>	<b>4.5%</b>
White	<b>55.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>55.9%</b>	<b>66.4%</b>	<b>-10.5%</b>
Other	<b>7.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.8%</b>	<b>4.6%</b>	<b>3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	226	<b>40.8%</b>	<b>52.9%</b>	NW	63	<b>43.3%</b>	<b>47.4%</b>
White	282	<b>59.2%</b>	<b>47.1%</b>	White	79	<b>56.7%</b>	<b>52.6%</b>
Chi-square, X-tab <sup>6</sup> : .011* sig.				Chi-square, X-tab <sup>6</sup> : .663 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .608* sig.				Odds ratio Exp(B) <sup>7</sup> : .944 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>35.6%</b>	<b>42.3%</b>	<b>18.3%</b>	<b>3.8%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>22.5%</b>	<b>56.8%</b>	<b>18.9%</b>	<b>1.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>38.9%</b>	<b>52.3%</b>	<b>5.9%</b>	<b>2.8%</b>			
Other	<b>34.1%</b>	<b>63.6%</b>	<b>2.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>344</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 329)				ITP Stops <sup>3</sup> (N = 147)			
Mean age				Mean age			
<b>34.96</b>				<b>34.99</b>			
Gender %				Gender %			
Female <b>29.9%</b>				Female <b>26.9%</b>			
Male <b>70.1%</b>				Male <b>73.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>28.7%</b>				AA/Black <b>28.3%</b>			
Hispanic <b>14.8%</b>				Hispanic <b>12.4%</b>			
White <b>52.5%</b>				White <b>55.2%</b>			
Other <b>4.0%</b>				Other <b>4.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>28.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>28.7%</b>	<b>14.4%</b> <b>14.3%</b>
Hispanic	<b>14.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>14.8%</b>	<b>14.5%</b> <b>0.3%</b>
White	<b>52.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>52.5%</b>	<b>66.4%</b> <b>-13.9%</b>
Other	<b>4.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.0%</b>	<b>4.6%</b> <b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	146	<b>44.3%</b>	<b>53.3%</b>	NW	59	<b>38.9%</b>	<b>55.8%</b>
White	162	<b>55.7%</b>	<b>46.7%</b>	White	74	<b>61.1%</b>	<b>44.2%</b>
Chi-square, X-tab <sup>6</sup> : .132 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .066 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .521* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .320* <i>sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.7%</b>	<b>15.2%</b>	<b>5.1%</b>	<b>10.1%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>52.8%</b>	<b>28.3%</b>	<b>5.7%</b>	<b>13.2%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>59.2%</b>	<b>32.8%</b>	<b>6.3%</b>	<b>1.7%</b>			
Other	<b>69.2%</b>	<b>30.8%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* <i>sig.</i>							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>5,026</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,673)				ITP Stops <sup>3</sup> (N = 1,187)			
Mean age				Mean age			
<b>35.91</b>				<b>36.09</b>			
Gender %				Gender %			
Female <b>29.6%</b>				Female <b>27.8%</b>			
Male <b>70.4%</b>				Male <b>72.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>25.4%</b>				AA/Black <b>20.3%</b>			
Hispanic <b>16.4%</b>				Hispanic <b>16.5%</b>			
White <b>49.8%</b>				White <b>56.4%</b>			
Other <b>8.4%</b>				Other <b>6.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>25.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>25.4%</b>	<b>14.4%</b>	<b>11.0%</b>
Hispanic	<b>16.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.4%</b>	<b>14.5%</b>	<b>1.9%</b>
White	<b>49.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>49.8%</b>	<b>66.4%</b>	<b>-16.6%</b>
Other	<b>8.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>8.4%</b>	<b>4.6%</b>	<b>3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,269	<b>43.0%</b>	<b>61.8%</b>	NW	463	<b>43.5%</b>	<b>44.2%</b>
White	2,227	<b>57.0%</b>	<b>38.2%</b>	White	597	<b>56.5%</b>	<b>55.8%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.838	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.465*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.904	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.4%</b>	<b>16.8%</b>	<b>10.6%</b>	<b>2.2%</b>	NW	<b>15</b>	<b>N/A</b>
Hispanic	<b>63.9%</b>	<b>18.3%</b>	<b>15.0%</b>	<b>2.7%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>77.5%</b>	<b>18.0%</b>	<b>3.8%</b>	<b>0.7%</b>			
Other	<b>75.2%</b>	<b>22.6%</b>	<b>1.7%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>3,975</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,543)				ITP Stops <sup>3</sup> (N = 1,086)			
Mean age				Mean age			
<b>34.83</b>				<b>35.76</b>			
Gender %				Gender %			
Female <b>32.8%</b>				Female <b>31.8%</b>			
Male <b>67.1%</b>				Male <b>68.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.7%</b>			
AA/Black <b>25.1%</b>				AA/Black <b>21.0%</b>			
Hispanic <b>15.9%</b>				Hispanic <b>13.8%</b>			
White <b>54.0%</b>				White <b>60.3%</b>			
Other <b>5.0%</b>				Other <b>4.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>25.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>25.1%</b>	<b>14.4%</b>	<b>10.7%</b>
Hispanic	<b>15.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>15.9%</b>	<b>14.5%</b>	<b>1.4%</b>
White	<b>54.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>54.0%</b>	<b>66.4%</b>	<b>-12.4%</b>
Other	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.0%</b>	<b>4.6%</b>	<b>0.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,525	<b>39.6%</b>	<b>54.5%</b>	NW	381	<b>37.8%</b>	<b>44.0%</b>
White	1,789	<b>60.4%</b>	<b>45.5%</b>	White	583	<b>62.2%</b>	<b>56.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .077 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .541* sig.				Odds ratio Exp(B) <sup>7</sup> : .863 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.4%</b>	<b>26.5%</b>	<b>12.9%</b>	<b>4.3%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>50.7%</b>	<b>27.0%</b>	<b>19.4%</b>	<b>3.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>63.6%</b>	<b>27.3%</b>	<b>7.1%</b>	<b>2.0%</b>			
Other	<b>67.7%</b>	<b>22.9%</b>	<b>6.3%</b>	<b>3.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>6,441</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,971)				ITP Stops <sup>3</sup> (N = 1,533)			
Mean age				Mean age			
<b>36.25</b>				<b>36.87</b>			
Gender %				Gender %			
Female <b>26.5%</b>				Female <b>30.0%</b>			
Male <b>73.5%</b>				Male <b>70.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>22.1%</b>				AA/Black <b>19.8%</b>			
Hispanic <b>17.5%</b>				Hispanic <b>18.8%</b>			
White <b>49.2%</b>				White <b>49.5%</b>			
Other <b>11.2%</b>				Other <b>11.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>22.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>22.1%</b>	<b>14.4%</b>	<b>7.7%</b>
Hispanic	<b>17.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.5%</b>	<b>14.5%</b>	<b>3.0%</b>
White	<b>49.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>49.2%</b>	<b>66.4%</b>	<b>-17.2%</b>
Other	<b>11.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>11.2%</b>	<b>4.6%</b>	<b>6.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,892	<b>47.7%</b>	<b>58.5%</b>	NW	695	<b>48.3%</b>	<b>58.1%</b>
White	2,780	<b>52.3%</b>	<b>41.5%</b>	White	670	<b>51.7%</b>	<b>41.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .664* sig.				Odds ratio Exp(B) <sup>7</sup> : .668* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.7%</b>	<b>24.1%</b>	<b>11.5%</b>	<b>1.7%</b>	NW	<b>19</b>	<b>N/A</b>
Hispanic	<b>58.4%</b>	<b>25.5%</b>	<b>14.5%</b>	<b>1.6%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>68.7%</b>	<b>25.9%</b>	<b>4.2%</b>	<b>1.2%</b>			
Other	<b>68.7%</b>	<b>25.2%</b>	<b>4.8%</b>	<b>1.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>683</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 642)				ITP Stops <sup>3</sup> (N = 310)			
Mean age				Mean age			
<b>39.65</b>				<b>39.43</b>			
Gender %				Gender %			
Female <b>34.8%</b>				Female <b>33.7%</b>			
Male <b>65.2%</b>				Male <b>66.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>3.2%</b>			
AA/Black <b>20.6%</b>				AA/Black <b>18.3%</b>			
Hispanic <b>14.3%</b>				Hispanic <b>14.0%</b>			
White <b>51.0%</b>				White <b>51.0%</b>			
Other <b>14.1%</b>				Other <b>16.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>20.6%</b>	<b>14.4%</b>	<b>6.2%</b>
Hispanic	<b>14.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>14.3%</b>	<b>14.5%</b>	<b>-0.2%</b>
White	<b>51.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>51.0%</b>	<b>66.4%</b>	<b>-15.4%</b>
Other	<b>14.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>14.1%</b>	<b>4.6%</b>	<b>9.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	293	<b>48.6%</b>	<b>50.0%</b>	NW	138	<b>47.7%</b>	<b>51.0%</b>
White	307	<b>51.4%</b>	<b>50.0%</b>	White	148	<b>52.3%</b>	<b>49.0%</b>
Chi-square, X-tab <sup>6</sup> :		.805	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.670	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.932	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.833	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>2.9%</b>	<b>95.7%</b>	<b>1.4%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>1.1%</b>	<b>92.2%</b>	<b>6.7%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>8.3%</b>	<b>91.1%</b>	<b>0.6%</b>	<b>0.0%</b>			
Other	<b>0.0%</b>	<b>97.8%</b>	<b>2.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>5,980</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,501)				ITP Stops <sup>3</sup> (N = 1,469)			
Mean age				Mean age			
<b>34.38</b>				<b>34.95</b>			
Gender %				Gender %			
Female <b>26.1%</b>				Female <b>27.0%</b>			
Male <b>73.8%</b>				Male <b>73.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>37.5%</b>				AA/Black <b>36.2%</b>			
Hispanic <b>19.2%</b>				Hispanic <b>16.7%</b>			
White <b>35.8%</b>				White <b>39.3%</b>			
Other <b>7.5%</b>				Other <b>7.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>37.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>37.5%</b>	<b>14.4%</b>	<b>23.1%</b>
Hispanic	<b>19.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.2%</b>	<b>14.5%</b>	<b>4.7%</b>
White	<b>35.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>35.8%</b>	<b>66.4%</b>	<b>-30.6%</b>
Other	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.5%</b>	<b>4.6%</b>	<b>2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,381	<b>51.8%</b>	<b>74.1%</b>	NW	779	<b>56.9%</b>	<b>66.7%</b>
White	1,866	<b>48.2%</b>	<b>25.9%</b>	White	493	<b>43.1%</b>	<b>33.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .379* sig.				Odds ratio Exp(B) <sup>7</sup> : .646* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.8%</b>	<b>11.6%</b>	<b>13.2%</b>	<b>2.4%</b>	NW	<b>59</b>	<b>N/A</b>
Hispanic	<b>71.6%</b>	<b>12.7%</b>	<b>13.0%</b>	<b>2.8%</b>	White	<b>20</b>	<b>N/A</b>
White	<b>74.2%</b>	<b>15.9%</b>	<b>7.8%</b>	<b>2.1%</b>			
Other	<b>72.1%</b>	<b>19.5%</b>	<b>6.6%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>6,477</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,669)				ITP Stops <sup>3</sup> (N = 1,438)			
Mean age				Mean age			
<b>34.98</b>				<b>35.82</b>			
Gender %				Gender %			
Female <b>29.7%</b>				Female <b>30.0%</b>			
Male <b>70.3%</b>				Male <b>70.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>44.5%</b>				AA/Black <b>40.2%</b>			
Hispanic <b>19.1%</b>				Hispanic <b>20.1%</b>			
White <b>32.5%</b>				White <b>35.7%</b>			
Other <b>3.9%</b>				Other <b>4.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>44.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>44.5%</b>	<b>14.4%</b>	<b>30.1%</b>
Hispanic	<b>19.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.1%</b>	<b>14.5%</b>	<b>4.6%</b>
White	<b>32.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>32.5%</b>	<b>66.4%</b>	<b>-33.9%</b>
Other	<b>3.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.9%</b>	<b>4.6%</b>	<b>-0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,713	<b>60.0%</b>	<b>76.8%</b>	NW	836	<b>63.7%</b>	<b>67.4%</b>
White	1,773	<b>40.0%</b>	<b>23.2%</b>	White	453	<b>36.3%</b>	<b>32.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .193 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .447* sig.				Odds ratio Exp(B) <sup>7</sup> : .879 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>67.3%</b>	<b>18.7%</b>	<b>12.2%</b>	<b>1.8%</b>	NW	<b>132</b>	<b>78.6%</b>
Hispanic	<b>62.7%</b>	<b>22.4%</b>	<b>14.0%</b>	<b>0.9%</b>	White	<b>36</b>	<b>21.4%</b>
White	<b>71.8%</b>	<b>19.4%</b>	<b>7.4%</b>	<b>1.4%</b>			
Other	<b>74.1%</b>	<b>18.9%</b>	<b>6.2%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>7,777</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,387)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.8%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .017* sig.				Chi-square, X-tab <sup>6</sup> : .345 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .887* sig.				Odds ratio Exp(B) <sup>7</sup> : .947 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>8,063</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,365)				ITP Stops <sup>3</sup> (N = 1,497)			
Mean age				Mean age			
<b>35.49</b>				<b>36.34</b>			
Gender %				Gender %			
Female <b>26.2%</b>				Female <b>22.4%</b>			
Male <b>73.7%</b>				Male <b>77.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.3%</b>			
AA/Black <b>28.4%</b>				AA/Black <b>22.4%</b>			
Hispanic <b>25.8%</b>				Hispanic <b>29.9%</b>			
White <b>37.1%</b>				White <b>40.5%</b>			
Other <b>8.7%</b>				Other <b>7.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>28.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>28.4%</b>	<b>14.4%</b>	<b>14.0%</b>
Hispanic	<b>25.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>25.8%</b>	<b>14.5%</b>	<b>11.3%</b>
White	<b>37.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>37.1%</b>	<b>66.4%</b>	<b>-29.3%</b>
Other	<b>8.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>8.7%</b>	<b>4.6%</b>	<b>4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,437	<b>50.3%</b>	<b>72.2%</b>	NW	785	<b>56.1%</b>	<b>65.6%</b>
White	2,598	<b>49.7%</b>	<b>27.8%</b>	White	519	<b>43.9%</b>	<b>34.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .403* sig.				Odds ratio Exp(B) <sup>7</sup> : .660* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.6%</b>	<b>18.9%</b>	<b>11.5%</b>	<b>3.0%</b>	NW	<b>27</b>	<b>N/A</b>
Hispanic	<b>57.0%</b>	<b>22.6%</b>	<b>17.0%</b>	<b>3.4%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>64.9%</b>	<b>26.1%</b>	<b>6.3%</b>	<b>2.7%</b>			
Other	<b>68.6%</b>	<b>25.6%</b>	<b>4.9%</b>	<b>0.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
All MASSACHUSETTS STATE POLICE**

Total Citations <sup>1</sup> : <b>229,410</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 215,730)				ITP Stops <sup>3</sup> (N = 60,435)			
Mean age				Mean age			
<b>35.76</b>				<b>35.85</b>			
Gender %				Gender %			
Female <b>31.9%</b>				Female <b>30.5%</b>			
Male <b>68.1%</b>				Male <b>69.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>16.8%</b>				AA/Black <b>14.5%</b>			
Hispanic <b>18.6%</b>				Hispanic <b>19.2%</b>			
White <b>59.5%</b>				White <b>61.6%</b>			
Other <b>5.1%</b>				Other <b>4.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.8%</b>	<b>14.4%</b>	<b>2.4%</b>
Hispanic	<b>18.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.6%</b>	<b>14.5%</b>	<b>4.1%</b>
White	<b>59.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>59.5%</b>	<b>66.4%</b>	<b>-6.9%</b>
Other	<b>5.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.1%</b>	<b>4.6%</b>	<b>0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	82,524	<b>35.3%</b>	<b>50.0%</b>	NW	20,269	<b>36.9%</b>	<b>41.7%</b>
White	120,620	<b>64.7%</b>	<b>50.0%</b>	White	32,416	<b>63.1%</b>	<b>58.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* not sig.			
Odds ratio Exp(B) <sup>7</sup> : .550* sig.				Odds ratio Exp(B) <sup>7</sup> : .793* not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.9%</b>	<b>25.7%</b>	<b>12.4%</b>	<b>2.9%</b>	NW	<b>1029</b>	<b>54.8%</b>
Hispanic	<b>52.5%</b>	<b>27.0%</b>	<b>17.4%</b>	<b>3.2%</b>	White	<b>850</b>	<b>45.2%</b>
White	<b>63.5%</b>	<b>28.8%</b>	<b>5.9%</b>	<b>1.8%</b>			
Other	<b>62.3%</b>	<b>31.9%</b>	<b>4.7%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>113</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>N/A</b>	Citations per 1000			
	Passing through:		<b>N/A</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 109)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>26.16</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>29.9%</b>		Female		<b>N/A</b>	
Male		<b>70.1%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>0.0%</b>				<b>N/A</b>	
AA/Black		<b>19.3%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>13.8%</b>		Hispanic		<b>N/A</b>	
White		<b>63.3%</b>		White		<b>N/A</b>	
Other		<b>3.7%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>19.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>19.3%</b>	<b>14.4%</b>	<b>4.9%</b>
Hispanic	<b>13.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>13.8%</b>	<b>14.5%</b>	<b>-0.7%</b>
White	<b>63.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.3%</b>	<b>66.4%</b>	<b>-3.1%</b>
Other	<b>3.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.7%</b>	<b>4.6%</b>	<b>-0.9%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>27.8%</b>	<b>45.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	63	<b>72.2%</b>	<b>54.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.069	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.574	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>45.5%</b>	<b>31.8%</b>	<b>22.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>68.8%</b>	<b>18.8%</b>	<b>12.5%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>76.1%</b>	<b>15.5%</b>	<b>7.0%</b>	<b>1.4%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.280	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MASSACHUSETTS ENVIRONMENTAL POLICE**

Total Citations <sup>1</sup> : <b>715</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 667)				ITP Stops <sup>3</sup> (N = 237)			
Mean age				Mean age			
<b>34.08</b>				<b>33.32</b>			
Gender %				Gender %			
Female <b>16.3%</b>				Female <b>15.3%</b>			
Male <b>83.7%</b>				Male <b>84.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.6%</b>				Race % Mis/Unk <sup>4</sup> <b>4.6%</b>			
AA/Black <b>7.5%</b>				AA/Black <b>8.8%</b>			
Hispanic <b>8.6%</b>				Hispanic <b>6.2%</b>			
White <b>83.3%</b>				White <b>84.5%</b>			
Other <b>0.5%</b>				Other <b>0.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.5%</b>	<b>14.4%</b>	<b>-6.9%</b>
Hispanic	<b>8.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
White	<b>83.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>83.3%</b>	<b>66.4%</b>	<b>16.9%</b>
Other	<b>0.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.5%</b>	<b>4.6%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	97	<b>16.3%</b>	<b>19.4%</b>	NW	31	<b>15.2%</b>	<b>17.7%</b>
White	481	<b>83.8%</b>	<b>80.6%</b>	White	163	<b>84.8%</b>	<b>82.3%</b>
Chi-square, X-tab <sup>6</sup> : .449 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .646 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .719 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .504 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>31.4%</b>	<b>49.0%</b>	<b>17.6%</b>	<b>2.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>24.6%</b>	<b>70.2%</b>	<b>5.3%</b>	<b>0.0%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>34.5%</b>	<b>60.1%</b>	<b>4.7%</b>	<b>0.7%</b>			
Other	<b>0.0%</b>	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .005* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2021 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MBTA POLICE

Total Citations <sup>1</sup> : <b>204</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population					
	Intown motorist:		N/A	Citations per 1000 18 + residents:					
	Passing through:		N/A	N/A					
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes									
<b>All Stops<sup>2</sup> (N = 178)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>					
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 <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>			
		10.1%				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			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes									
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)									
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)									
<b>Comparative Analyses</b>									
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>					
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%
<sup>5</sup> State average represents racial/ethnic breakdown of all 2021 stops by all MA departments									
<b>VoD Analyses</b>									
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>					
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 <sup>6</sup> :		.985	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A		
Odds ratio Exp(B) <sup>7</sup> :		1.016	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A		
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone									
<sup>7</sup> 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.									
<b>Citation Outcomes by Race<sup>8</sup></b>									
		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 <sup>6</sup> :		.049*	sig.						
<sup>8</sup> 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 <sup>1</sup> : <b>1,034</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,002)				ITP Stops <sup>3</sup> (N = 440)			
Mean age				Mean age			
<b>28.08</b>				<b>27.47</b>			
Gender %				Gender %			
Female <b>41.3%</b>				Female <b>40.9%</b>			
Male <b>58.6%</b>				Male <b>59.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>8.0%</b>				AA/Black <b>7.3%</b>			
Hispanic <b>4.7%</b>				Hispanic <b>3.4%</b>			
White <b>76.5%</b>				White <b>76.4%</b>			
Other <b>10.8%</b>				Other <b>12.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.0%</b>	<b>14.4%</b>	<b>-6.4%</b>
Hispanic	<b>4.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.7%</b>	<b>14.5%</b>	<b>-9.8%</b>
White	<b>76.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>76.5%</b>	<b>66.4%</b>	<b>10.1%</b>
Other	<b>10.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>10.8%</b>	<b>4.6%</b>	<b>6.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	222	<b>22.5%</b>	<b>27.3%</b>	NW	95	<b>25.3%</b>	<b>21.3%</b>
White	703	<b>77.5%</b>	<b>72.7%</b>	White	302	<b>74.7%</b>	<b>78.7%</b>
Chi-square, X-tab <sup>6</sup> :		.109	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.380	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.818	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.178	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.5%</b>	<b>27.2%</b>	<b>11.1%</b>	<b>1.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>59.6%</b>	<b>27.7%</b>	<b>12.8%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>70.6%</b>	<b>25.2%</b>	<b>3.9%</b>	<b>0.4%</b>			
Other	<b>60.9%</b>	<b>28.2%</b>	<b>9.1%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.006* <i>sig.</i>					

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>115</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 114)				ITP Stops <sup>3</sup> (N = 58)			
Mean age				Mean age			
<b>31.34</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>19.3%</b>				Female <b>N/A</b>			
Male <b>80.7%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>19.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>54.3%</b>				AA/Black <b>N/A</b>			
Hispanic <b>4.3%</b>				Hispanic <b>N/A</b>			
White <b>38.0%</b>				White <b>N/A</b>			
Other <b>3.3%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>54.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>54.3%</b>	<b>14.4%</b>	<b>39.9%</b>
Hispanic	<b>4.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.3%</b>	<b>14.5%</b>	<b>-10.2%</b>
White	<b>38.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>38.0%</b>	<b>66.4%</b>	<b>-28.4%</b>
Other	<b>3.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.3%</b>	<b>4.6%</b>	<b>-1.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2021 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	43	<b>54.3%</b>	<b>66.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	30	<b>45.7%</b>	<b>33.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.302	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.547	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>7.8%</b>	<b>33.3%</b>	<b>58.8%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.0%</b>	<b>25.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>11.4%</b>	<b>60.0%</b>	<b>28.6%</b>	<b>0.0%</b>			
Other	<b>0.0%</b>	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.133	<i>not sig.</i>				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>675</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.0%</b>	Citations per 1000	
	Passing through:	<b>78.0%</b>	18 + residents:	<b>50.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 431)				ITP Stops <sup>3</sup> (N = 155)			
Mean age				Mean age			
<b>36.68</b>				<b>32.99</b>			
Gender %				Gender %			
Female <b>34.0%</b>				Female <b>26.0%</b>			
Male <b>66.0%</b>				Male <b>74.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>20.9%</b>				AA/Black <b>24.0%</b>			
Hispanic <b>2.6%</b>				Hispanic <b>1.3%</b>			
White <b>75.5%</b>				White <b>74.0%</b>			
Other <b>0.9%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.9%</b>	<b>2.0%</b>	<b>18.9%</b>	AA/Black	<b>20.9%</b>	<b>14.5%</b>	<b>6.4%</b>
Hispanic	<b>2.6%</b>	<b>2.6%</b>	<b>0.0%</b>	Hispanic	<b>2.6%</b>	<b>15.2%</b>	<b>-12.6%</b>
White	<b>75.5%</b>	<b>88.2%</b>	<b>-12.7%</b>	White	<b>75.5%</b>	<b>65.1%</b>	<b>10.4%</b>
Other	<b>0.9%</b>	<b>6.4%</b>	<b>-5.5%</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	88	<b>20.2%</b>	<b>31.4%</b>	NW	35	<b>24.7%</b>	<b>28.8%</b>
White	282	<b>79.8%</b>	<b>68.6%</b>	White	98	<b>75.3%</b>	<b>71.2%</b>
Chi-square, X-tab <sup>6</sup> : .019* sig.				Chi-square, X-tab <sup>6</sup> : .595 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .544* sig.				Odds ratio Exp(B) <sup>7</sup> : .713 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>37.0%</b>	<b>13.4%</b>	<b>38.6%</b>	<b>11.0%</b>	NW	<b>0</b>	
Hispanic	<b>28.6%</b>	<b>21.4%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>3</b>	
White	<b>39.4%</b>	<b>17.9%</b>	<b>34.4%</b>	<b>8.3%</b>			
Other	<b>33.3%</b>	<b>0.0%</b>	<b>66.7%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> : .480 not sig.						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ACTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,596</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.7%</b>	Citations per 1000	
	Passing through:	<b>75.3%</b>	18 + residents:	<b>89.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,535)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 14.3%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .091 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .460* sig.				Odds ratio Exp(B) <sup>7</sup> : .698 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ACUSHNET POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>131</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.0%</b>	Citations per 1000	
	Passing through:	<b>62.0%</b>	18 + residents:	<b>14.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 100)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>34.88</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>28.0%</b>				Female <b>N/A</b>			
Male <b>72.0%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>18.6%</b>				AA/Black <b>N/A</b>			
Hispanic <b>5.2%</b>				Hispanic <b>N/A</b>			
White <b>76.3%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.6%</b>	<b>0.1%</b>	<b>18.5%</b>	AA/Black	<b>18.6%</b>	<b>14.5%</b>	<b>4.1%</b>
Hispanic	<b>5.2%</b>	<b>3.4%</b>	<b>1.8%</b>	Hispanic	<b>5.2%</b>	<b>15.2%</b>	<b>-10.0%</b>
White	<b>76.3%</b>	<b>88.0%</b>	<b>-11.7%</b>	White	<b>76.3%</b>	<b>65.1%</b>	<b>11.2%</b>
Other	<b>0.0%</b>	<b>4.7%</b>	<b>-4.7%</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	23	<b>30.8%</b>	<b>22.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	64	<b>69.2%</b>	<b>77.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .409 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 1.520 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>18.2%</b>	<b>9.1%</b>	<b>63.6%</b>	<b>9.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>60.0%</b>	<b>40.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>38.6%</b>	<b>9.9%</b>	<b>42.6%</b>	<b>8.9%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .090 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ADAMS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>335</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.8%</b>	Citations per 1000	
	Passing through:	<b>62.2%</b>	18 + residents:	<b>50.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 286)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.66</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>40.1%</b>				Female <b>N/A</b>			
Male <b>59.9%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>9.4%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.2%</b>				Hispanic <b>N/A</b>			
White <b>86.7%</b>				White <b>N/A</b>			
Other <b>0.7%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.4%</b>	<b>0.9%</b>	<b>8.5%</b>	AA/Black	<b>9.4%</b>	<b>14.5%</b>	<b>-5.1%</b>
Hispanic	<b>3.2%</b>	<b>1.5%</b>	<b>1.7%</b>	Hispanic	<b>3.2%</b>	<b>15.2%</b>	<b>-12.0%</b>
White	<b>86.7%</b>	<b>95.4%</b>	<b>-8.7%</b>	White	<b>86.7%</b>	<b>65.1%</b>	<b>21.6%</b>
Other	<b>0.7%</b>	<b>2.3%</b>	<b>-1.6%</b>	Other	<b>0.7%</b>	<b>5.2%</b>	<b>-4.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	<b>10.3%</b>	<b>20.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	230	<b>89.7%</b>	<b>79.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .032* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .447* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>28.6%</b>	<b>35.7%</b>	<b>35.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>51.2%</b>	<b>22.0%</b>	<b>23.0%</b>	<b>3.8%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .207 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
AGAWAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,132</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.4%</b>	Citations per 1000	
	Passing through:	<b>70.6%</b>	18 + residents:	<b>47.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,025)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .258 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .553* sig.				Odds ratio Exp(B) <sup>7</sup> : .740 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
AMESBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,210</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.1%</b>	Citations per 1000	
	Passing through:	<b>67.9%</b>	18 + residents:	<b>157</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,161)				ITP Stops <sup>3</sup> (N = 1,113)			
Mean age				Mean age			
<b>39.92</b>				<b>40.63</b>			
Gender %				Gender %			
Female <b>42.8%</b>				Female <b>42.9%</b>			
Male <b>57.1%</b>				Male <b>57.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>4.3%</b>				AA/Black <b>3.4%</b>			
Hispanic <b>6.8%</b>				Hispanic <b>7.4%</b>			
White <b>87.0%</b>				White <b>87.1%</b>			
Other <b>1.8%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>0.6%</b>	<b>3.7%</b>	AA/Black	<b>4.3%</b>	<b>14.5%</b>	<b>-10.2%</b>
Hispanic	<b>6.8%</b>	<b>2.5%</b>	<b>4.3%</b>	Hispanic	<b>6.8%</b>	<b>15.2%</b>	<b>-8.4%</b>
White	<b>87.0%</b>	<b>93.8%</b>	<b>-6.8%</b>	White	<b>87.0%</b>	<b>65.1%</b>	<b>21.9%</b>
Other	<b>1.8%</b>	<b>3.3%</b>	<b>-1.5%</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	257	<b>9.6%</b>	<b>17.6%</b>	NW	122	<b>11.2%</b>	<b>14.1%</b>
White	1,737	<b>90.4%</b>	<b>82.4%</b>	White	872	<b>88.8%</b>	<b>85.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .172 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .468* sig.				Odds ratio Exp(B) <sup>7</sup> : .551* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>51.6%</b>	<b>9.7%</b>	<b>33.3%</b>	<b>5.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>53.1%</b>	<b>8.2%</b>	<b>34.7%</b>	<b>4.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>69.8%</b>	<b>12.3%</b>	<b>14.8%</b>	<b>3.0%</b>			
Other	<b>84.6%</b>	<b>5.1%</b>	<b>5.1%</b>	<b>5.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
AMHERST POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,418</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.8%</b>	Citations per 1000	
	Passing through:	<b>72.2%</b>	18 + residents:	<b>39.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,283)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 0.9%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.727	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.523*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.846	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ANDOVER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,395</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.9%</b>	Citations per 1000	
	Passing through:	<b>74.1%</b>	18 + residents:	<b>50.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,165)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.6%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .006* sig.				Chi-square, X-tab <sup>6</sup> : .331 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .672* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.157 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ARLINGTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,314</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>43.7%</b>	Citations per 1000	
	Passing through:	<b>56.3%</b>	18 + residents:	<b>36.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,210)				ITP Stops <sup>3</sup> (N = 816)			
Mean age				Mean age			
<b>43.73</b>				<b>44.12</b>			
Gender %				Gender %			
Female <b>41.5%</b>				Female <b>41.4%</b>			
Male <b>58.5%</b>				Male <b>58.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.2%</b>				Race % Mis/Unk <sup>4</sup> <b>4.8%</b>			
AA/Black <b>8.5%</b>				AA/Black <b>6.0%</b>			
Hispanic <b>7.1%</b>				Hispanic <b>7.6%</b>			
White <b>71.9%</b>				White <b>73.2%</b>			
Other <b>12.5%</b>				Other <b>13.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.5%</b>	<b>3.1%</b>	<b>5.4%</b>	AA/Black	<b>8.5%</b>	<b>14.5%</b>	<b>-6.0%</b>
Hispanic	<b>7.1%</b>	<b>4.9%</b>	<b>2.2%</b>	Hispanic	<b>7.1%</b>	<b>15.2%</b>	<b>-8.1%</b>
White	<b>71.9%</b>	<b>75.8%</b>	<b>-3.9%</b>	White	<b>71.9%</b>	<b>65.1%</b>	<b>6.8%</b>
Other	<b>12.5%</b>	<b>16.2%</b>	<b>-3.7%</b>	Other	<b>12.5%</b>	<b>5.2%</b>	<b>7.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	302	<b>27.2%</b>	<b>30.6%</b>	NW	194	<b>27.3%</b>	<b>25.7%</b>
White	770	<b>72.8%</b>	<b>69.4%</b>	White	529	<b>72.7%</b>	<b>74.3%</b>
Chi-square, X-tab <sup>6</sup> : .275 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .668 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .816 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.052 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.1%</b>	<b>6.4%</b>	<b>10.9%</b>	<b>3.6%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>71.3%</b>	<b>5.7%</b>	<b>19.5%</b>	<b>3.4%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>91.1%</b>	<b>4.5%</b>	<b>4.3%</b>	<b>0.2%</b>			
Other	<b>95.4%</b>	<b>3.9%</b>	<b>0.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ASHBURNHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>523</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.9%</b>	Citations per 1000	
	Passing through:	<b>73.1%</b>	18 + residents:	<b>109.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 509)				ITP Stops <sup>3</sup> (N = 197)			
Mean age				Mean age			
<b>36.03</b>				<b>36.52</b>			
Gender %				Gender %			
Female <b>37.4%</b>				Female <b>33.2%</b>			
Male <b>62.6%</b>				Male <b>66.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>4.1%</b>			
Hispanic <b>4.4%</b>				Hispanic <b>4.1%</b>			
White <b>90.8%</b>				White <b>90.7%</b>			
Other <b>0.8%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>1.1%</b>	<b>2.9%</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>4.4%</b>	<b>1.7%</b>	<b>2.7%</b>	Hispanic	<b>4.4%</b>	<b>15.2%</b>	<b>-10.8%</b>
White	<b>90.8%</b>	<b>95.9%</b>	<b>-5.1%</b>	White	<b>90.8%</b>	<b>65.1%</b>	<b>25.7%</b>
Other	<b>0.8%</b>	<b>1.5%</b>	<b>-0.7%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	44	<b>6.5%</b>	<b>18.9%</b>	NW	17	<b>6.1%</b>	<b>16.4%</b>
White	434	<b>93.5%</b>	<b>81.1%</b>	White	159	<b>93.9%</b>	<b>83.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .028* sig.			
Odds ratio Exp(B) <sup>7</sup> : .260* sig.				Odds ratio Exp(B) <sup>7</sup> : .374 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>25.0%</b>	<b>15.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>45.5%</b>	<b>31.8%</b>	<b>22.7%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>61.1%</b>	<b>30.4%</b>	<b>7.7%</b>	<b>0.9%</b>			
Other	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .479 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ASHBY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>318</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.0%</b>	Citations per 1000	
	Passing through:	<b>88.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 300)				ITP Stops <sup>3</sup> (N = 157)			
Mean age				Mean age			
<b>36.74</b>				<b>34.07</b>			
Gender %				Gender %			
Female		<b>37.0%</b>		Female		<b>31.8%</b>	
Male		<b>62.7%</b>		Male		<b>67.5%</b>	
Non-binary		<b>0.3%</b>		Non-binary		<b>0.6%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>1.7%</b>				<b>1.9%</b>	
AA/Black		<b>3.1%</b>		AA/Black		<b>2.6%</b>	
Hispanic		<b>9.5%</b>		Hispanic		<b>11.7%</b>	
White		<b>86.1%</b>		White		<b>84.4%</b>	
Other		<b>1.4%</b>		Other		<b>1.3%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>
Hispanic	<b>9.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.5%</b>	<b>15.2%</b>	<b>-5.7%</b>
White	<b>86.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.1%</b>	<b>65.1%</b>	<b>21.0%</b>
Other	<b>1.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	39	<b>12.4%</b>	<b>20.8%</b>	NW	22	<b>13.1%</b>	<b>23.7%</b>
White	239	<b>87.6%</b>	<b>79.2%</b>	White	115	<b>86.9%</b>	<b>76.3%</b>
Chi-square, X-tab <sup>6</sup> :		.117	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.132	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.517	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.489	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.8%</b>	<b>0.0%</b>	<b>22.2%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>57.1%</b>	<b>7.1%</b>	<b>35.7%</b>	<b>0.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>79.8%</b>	<b>12.9%</b>	<b>7.4%</b>	<b>0.0%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ASHLAND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,189</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.1%</b>	Citations per 1000	
	Passing through:	<b>70.9%</b>	18 + residents:	<b>85.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,150)				ITP Stops <sup>3</sup> (N = 551)			
Mean age				Mean age			
<b>36.17</b>				<b>35.66</b>			
Gender %				Gender %			
Female <b>32.4%</b>				Female <b>32.8%</b>			
Male <b>67.6%</b>				Male <b>67.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>4.0%</b>			
AA/Black <b>5.2%</b>				AA/Black <b>4.3%</b>			
Hispanic <b>13.5%</b>				Hispanic <b>13.0%</b>			
White <b>75.6%</b>				White <b>77.1%</b>			
Other <b>5.7%</b>				Other <b>5.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.2%</b>	<b>2.2%</b>	<b>3.0%</b>	AA/Black	<b>5.2%</b>	<b>14.5%</b>	<b>-9.3%</b>
Hispanic	<b>13.5%</b>	<b>7.0%</b>	<b>6.5%</b>	Hispanic	<b>13.5%</b>	<b>15.2%</b>	<b>-1.7%</b>
White	<b>75.6%</b>	<b>77.9%</b>	<b>-2.3%</b>	White	<b>75.6%</b>	<b>65.1%</b>	<b>10.5%</b>
Other	<b>5.7%</b>	<b>13.4%</b>	<b>-7.7%</b>	Other	<b>5.7%</b>	<b>5.2%</b>	<b>0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	261	<b>23.5%</b>	<b>26.9%</b>	NW	114	<b>20.9%</b>	<b>28.4%</b>
White	785	<b>76.5%</b>	<b>73.1%</b>	White	366	<b>79.1%</b>	<b>71.6%</b>
Chi-square, X-tab <sup>6</sup> :		.196	not sig.	Chi-square, X-tab <sup>6</sup> :		.059	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.018	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.886	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>67.2%</b>	<b>11.5%</b>	<b>13.1%</b>	<b>8.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>55.2%</b>	<b>22.1%</b>	<b>15.6%</b>	<b>7.1%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>74.9%</b>	<b>12.3%</b>	<b>8.6%</b>	<b>4.2%</b>			
Other	<b>76.1%</b>	<b>11.9%</b>	<b>3.0%</b>	<b>9.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ATHOL POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>340</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>43.5%</b>	Citations per 1000	
	Passing through:	<b>56.5%</b>	18 + residents:	<b>36.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 271)				ITP Stops <sup>3</sup> (N = 120)			
Mean age				Mean age			
<b>37.48</b>				<b>36.72</b>			
Gender %				Gender %			
Female <b>39.5%</b>				Female <b>33.1%</b>			
Male <b>60.5%</b>				Male <b>66.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.4%</b>				Race % Mis/Unk <sup>4</sup> <b>7.5%</b>			
AA/Black <b>5.2%</b>				AA/Black <b>2.7%</b>			
Hispanic <b>3.6%</b>				Hispanic <b>1.8%</b>			
White <b>90.4%</b>				White <b>93.7%</b>			
Other <b>0.8%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.2%</b>	<b>1.1%</b>	<b>4.1%</b>	AA/Black	<b>5.2%</b>	<b>14.5%</b>	<b>-9.3%</b>
Hispanic	<b>3.6%</b>	<b>5.4%</b>	<b>-1.8%</b>	Hispanic	<b>3.6%</b>	<b>15.2%</b>	<b>-11.6%</b>
White	<b>90.4%</b>	<b>90.1%</b>	<b>0.3%</b>	White	<b>90.4%</b>	<b>65.1%</b>	<b>25.3%</b>
Other	<b>0.8%</b>	<b>3.6%</b>	<b>-2.8%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	22	<b>8.4%</b>	<b>12.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	201	<b>91.6%</b>	<b>87.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.324	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.393	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.5%</b>	<b>6.3%</b>	<b>37.5%</b>	<b>18.8%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>20.0%</b>	<b>40.0%</b>	<b>30.0%</b>	<b>10.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>58.8%</b>	<b>13.1%</b>	<b>22.1%</b>	<b>5.9%</b>			
Other	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>50.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.012*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ATTLEBORO POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>4,522</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>42.5%</b>	Citations per 1000	
	Passing through:	<b>57.5%</b>	18 + residents:	<b>127.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,871)				ITP Stops <sup>3</sup> (N = 479)			
Mean age				Mean age			
<b>39.17</b>				<b>35.52</b>			
Gender %				Gender %			
Female <b>42.5%</b>				Female <b>36.0%</b>			
Male <b>57.5%</b>				Male <b>64.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>12.5%</b>				AA/Black <b>15.3%</b>			
Hispanic <b>10.7%</b>				Hispanic <b>12.1%</b>			
White <b>72.2%</b>				White <b>68.6%</b>			
Other <b>4.6%</b>				Other <b>4.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.5%</b>	<b>4.4%</b>	<b>8.1%</b>	AA/Black	<b>12.5%</b>	<b>14.5%</b>	<b>-2.0%</b>
Hispanic	<b>10.7%</b>	<b>6.6%</b>	<b>4.1%</b>	Hispanic	<b>10.7%</b>	<b>15.2%</b>	<b>-4.5%</b>
White	<b>72.2%</b>	<b>83.2%</b>	<b>-11.0%</b>	White	<b>72.2%</b>	<b>65.1%</b>	<b>7.1%</b>
Other	<b>4.6%</b>	<b>6.1%</b>	<b>-1.5%</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,060	<b>26.9%</b>	<b>37.9%</b>	NW	138	<b>30.1%</b>	<b>34.3%</b>
White	2,746	<b>73.1%</b>	<b>62.1%</b>	White	297	<b>69.9%</b>	<b>65.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .354 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .597* sig.				Odds ratio Exp(B) <sup>7</sup> : .621 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.1%</b>	<b>23.6%</b>	<b>17.9%</b>	<b>1.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>55.1%</b>	<b>28.6%</b>	<b>15.0%</b>	<b>1.2%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>71.7%</b>	<b>19.8%</b>	<b>7.6%</b>	<b>0.9%</b>			
Other	<b>72.6%</b>	<b>24.5%</b>	<b>2.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
AUBURN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,546</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.3%</b>	Citations per 1000	
	Passing through:	<b>86.7%</b>	18 + residents:	<b>115.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,493)				ITP Stops <sup>3</sup> (N = 384)			
Mean age				Mean age			
<b>38.32</b>				<b>37.19</b>			
Gender %				Gender %			
Female <b>37.7%</b>				Female <b>32.3%</b>			
Male <b>62.3%</b>				Male <b>67.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>8.3%</b>				AA/Black <b>7.4%</b>			
Hispanic <b>9.3%</b>				Hispanic <b>12.2%</b>			
White <b>79.9%</b>				White <b>78.0%</b>			
Other <b>2.5%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.3%</b>	<b>0.9%</b>	<b>7.4%</b>	AA/Black	<b>8.3%</b>	<b>14.5%</b>	<b>-6.2%</b>
Hispanic	<b>9.3%</b>	<b>4.6%</b>	<b>4.7%</b>	Hispanic	<b>9.3%</b>	<b>15.2%</b>	<b>-5.9%</b>
White	<b>79.9%</b>	<b>91.5%</b>	<b>-11.6%</b>	White	<b>79.9%</b>	<b>65.1%</b>	<b>14.8%</b>
Other	<b>2.5%</b>	<b>3.5%</b>	<b>-1.0%</b>	Other	<b>2.5%</b>	<b>5.2%</b>	<b>-2.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	283	<b>19.1%</b>	<b>23.9%</b>	NW	78	<b>20.0%</b>	<b>26.1%</b>
White	1,129	<b>80.9%</b>	<b>76.1%</b>	White	269	<b>80.0%</b>	<b>73.9%</b>
Chi-square, X-tab <sup>6</sup> : .066 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .184 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .702* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .664 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.5%</b>	<b>20.2%</b>	<b>8.9%</b>	<b>2.4%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>63.4%</b>	<b>13.8%</b>	<b>15.9%</b>	<b>6.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>71.0%</b>	<b>17.5%</b>	<b>6.9%</b>	<b>4.6%</b>			
Other	<b>81.1%</b>	<b>16.2%</b>	<b>0.0%</b>	<b>2.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .006* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
AVON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>578</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>4.0%</b>	Citations per 1000	
	Passing through:	<b>96.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 573)				ITP Stops <sup>3</sup> (N = 218)			
Mean age				Mean age			
<b>36.9</b>				<b>37.8</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>36.6%</b>			
Male <b>64.7%</b>				Male <b>63.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>52.2%</b>				Race % Mis/Unk <sup>4</sup> <b>44.5%</b>			
AA/Black <b>57.7%</b>				AA/Black <b>59.5%</b>			
Hispanic <b>16.4%</b>				Hispanic <b>16.5%</b>			
White <b>24.8%</b>				White <b>23.1%</b>			
Other <b>1.1%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>57.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>57.7%</b>	<b>14.5%</b>	<b>43.2%</b>
Hispanic	<b>16.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.4%</b>	<b>15.2%</b>	<b>1.2%</b>
White	<b>24.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>24.8%</b>	<b>65.1%</b>	<b>-40.3%</b>
Other	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	191	<b>72.2%</b>	<b>80.3%</b>	NW	78	<b>77.5%</b>	<b>69.6%</b>
White	65	<b>27.8%</b>	<b>19.7%</b>	White	25	<b>22.5%</b>	<b>30.4%</b>
Chi-square, X-tab <sup>6</sup> : .177 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .434 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .611 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.487 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.2%</b>	<b>8.8%</b>	<b>5.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>80.4%</b>	<b>6.5%</b>	<b>13.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>77.1%</b>	<b>8.6%</b>	<b>10.0%</b>	<b>4.3%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .123 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
AYER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,371</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.5%</b>	Citations per 1000	
	Passing through:	<b>83.5%</b>	18 + residents:	<b>206.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,326)				ITP Stops <sup>3</sup> (N = 338)			
Mean age				Mean age			
<b>37.4</b>				<b>37.18</b>			
Gender %				Gender %			
Female <b>30.5%</b>				Female <b>31.3%</b>			
Male <b>69.5%</b>				Male <b>68.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.7%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>			
AA/Black <b>8.4%</b>				AA/Black <b>10.3%</b>			
Hispanic <b>8.6%</b>				Hispanic <b>9.1%</b>			
White <b>78.4%</b>				White <b>73.9%</b>			
Other <b>4.6%</b>				Other <b>6.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.4%</b>	<b>4.3%</b>	<b>4.1%</b>	AA/Black	<b>8.4%</b>	<b>14.5%</b>	<b>-6.1%</b>
Hispanic	<b>8.6%</b>	<b>5.7%</b>	<b>2.9%</b>	Hispanic	<b>8.6%</b>	<b>15.2%</b>	<b>-6.6%</b>
White	<b>78.4%</b>	<b>82.4%</b>	<b>-4.0%</b>	White	<b>78.4%</b>	<b>65.1%</b>	<b>13.3%</b>
Other	<b>4.6%</b>	<b>7.5%</b>	<b>-2.9%</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	250	<b>19.9%</b>	<b>25.8%</b>	NW	75	<b>28.1%</b>	<b>23.2%</b>
White	909	<b>80.1%</b>	<b>74.2%</b>	White	216	<b>71.9%</b>	<b>76.8%</b>
Chi-square, X-tab <sup>6</sup> :		.027*	sig.	Chi-square, X-tab <sup>6</sup> :		.338	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.654*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.123	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.2%</b>	<b>17.7%</b>	<b>16.8%</b>	<b>5.3%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>57.4%</b>	<b>21.3%</b>	<b>15.7%</b>	<b>5.6%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>71.0%</b>	<b>18.8%</b>	<b>7.6%</b>	<b>2.6%</b>			
Other	<b>81.0%</b>	<b>17.2%</b>	<b>1.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BARNSTABLE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,588</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>4.0%</b>	Citations per 1000	
	Passing through:	<b>96.0%</b>	18 + residents:	<b>97.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,279)				ITP Stops <sup>3</sup> (N = 995)			
Mean age				Mean age			
<b>41.59</b>				<b>39.17</b>			
Gender %				Gender %			
Female <b>37.6%</b>				Female <b>38.1%</b>			
Male <b>62.4%</b>				Male <b>61.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.3%</b>				Race % Mis/Unk <sup>4</sup> <b>5.4%</b>			
AA/Black <b>9.5%</b>				AA/Black <b>9.8%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>6.4%</b>			
White <b>82.7%</b>				White <b>82.8%</b>			
Other <b>1.1%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.5%</b>	<b>5.8%</b>	<b>3.7%</b>	AA/Black	<b>9.5%</b>	<b>14.5%</b>	<b>-5.0%</b>
Hispanic	<b>6.7%</b>	<b>5.9%</b>	<b>0.8%</b>	Hispanic	<b>6.7%</b>	<b>15.2%</b>	<b>-8.5%</b>
White	<b>82.7%</b>	<b>84.3%</b>	<b>-1.6%</b>	White	<b>82.7%</b>	<b>65.1%</b>	<b>17.6%</b>
Other	<b>1.1%</b>	<b>3.1%</b>	<b>-2.0%</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	519	<b>16.2%</b>	<b>24.5%</b>	NW	155	<b>17.3%</b>	<b>18.9%</b>
White	2,477	<b>83.8%</b>	<b>75.5%</b>	White	732	<b>82.7%</b>	<b>81.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .668 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .639* sig.				Odds ratio Exp(B) <sup>7</sup> : .576 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>53.8%</b>	<b>17.7%</b>	<b>24.6%</b>	<b>3.9%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>30.2%</b>	<b>26.7%</b>	<b>39.2%</b>	<b>3.9%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>68.0%</b>	<b>14.4%</b>	<b>13.9%</b>	<b>3.7%</b>			
Other	<b>57.1%</b>	<b>28.6%</b>	<b>11.4%</b>	<b>2.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BARRE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>642</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.8%</b>	Citations per 1000	
	Passing through:	<b>73.2%</b>	18 + residents:	<b>143.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 631)				ITP Stops <sup>3</sup> (N = 270)			
Mean age				Mean age			
<b>36.09</b>				<b>36.32</b>			
Gender %				Gender %			
Female <b>30.2%</b>				Female <b>30.3%</b>			
Male <b>69.8%</b>				Male <b>69.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>5.3%</b>				AA/Black <b>2.3%</b>			
Hispanic <b>7.6%</b>				Hispanic <b>7.6%</b>			
White <b>85.5%</b>				White <b>88.6%</b>			
Other <b>1.6%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>5.3%</b>	<b>2.2%</b>	<b>3.1%</b>	AA/Black	<b>5.3%</b>	<b>14.5%</b> <b>-9.2%</b>
Hispanic	<b>7.6%</b>	<b>2.4%</b>	<b>5.2%</b>	Hispanic	<b>7.6%</b>	<b>15.2%</b> <b>-7.6%</b>
White	<b>85.5%</b>	<b>93.8%</b>	<b>-8.3%</b>	White	<b>85.5%</b>	<b>65.1%</b> <b>20.4%</b>
Other	<b>1.6%</b>	<b>3.1%</b>	<b>-1.5%</b>	Other	<b>1.6%</b>	<b>5.2%</b> <b>-3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	84	<b>15.3%</b>	<b>13.8%</b>	NW	24	<b>12.4%</b>	<b>9.1%</b>
White	496	<b>84.7%</b>	<b>86.2%</b>	White	202	<b>87.6%</b>	<b>90.9%</b>
Chi-square, X-tab <sup>6</sup> :		.626	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.423	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.978	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.437	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>44.1%</b>	<b>14.7%</b>	<b>35.3%</b>	<b>5.9%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>22.9%</b>	<b>12.5%</b>	<b>64.6%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>56.8%</b>	<b>10.8%</b>	<b>24.1%</b>	<b>8.3%</b>			
Other	<b>70.0%</b>	<b>10.0%</b>	<b>20.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BECKETT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>140</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 130)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 14.6%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> :		.493	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BEDFORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,076</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.3%</b>	Citations per 1000	
	Passing through:	<b>76.7%</b>	18 + residents:	<b>196</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,979)				ITP Stops <sup>3</sup> (N = 846)			
Mean age				Mean age			
<b>40.54</b>				<b>39.44</b>			
Gender %				Gender %			
Female <b>40.2%</b>				Female <b>37.8%</b>			
Male <b>59.7%</b>				Male <b>62.0%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>7.7%</b>				AA/Black <b>7.1%</b>			
Hispanic <b>9.1%</b>				Hispanic <b>9.5%</b>			
White <b>65.6%</b>				White <b>65.2%</b>			
Other <b>17.6%</b>				Other <b>18.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.7%</b>	<b>4.1%</b>	<b>3.6%</b>	AA/Black	<b>7.7%</b>	<b>14.5%</b>	<b>-6.8%</b>
Hispanic	<b>9.1%</b>	<b>3.8%</b>	<b>5.3%</b>	Hispanic	<b>9.1%</b>	<b>15.2%</b>	<b>-6.1%</b>
White	<b>65.6%</b>	<b>74.2%</b>	<b>-8.6%</b>	White	<b>65.6%</b>	<b>65.1%</b>	<b>0.5%</b>
Other	<b>17.6%</b>	<b>18.4%</b>	<b>-0.8%</b>	Other	<b>17.6%</b>	<b>5.2%</b>	<b>12.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	628	<b>32.5%</b>	<b>39.7%</b>	NW	256	<b>35.4%</b>	<b>34.1%</b>
White	1,197	<b>67.5%</b>	<b>60.3%</b>	White	477	<b>64.6%</b>	<b>65.9%</b>
Chi-square, X-tab <sup>6</sup> : .004* sig.				Chi-square, X-tab <sup>6</sup> : .722 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .704* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.130 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.3%</b>	<b>10.7%</b>	<b>17.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>59.1%</b>	<b>10.5%</b>	<b>27.1%</b>	<b>3.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>84.5%</b>	<b>9.8%</b>	<b>3.7%</b>	<b>2.0%</b>			
Other	<b>81.5%</b>	<b>14.2%</b>	<b>3.7%</b>	<b>0.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BELCHERTOWN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,459</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.5%</b>	Citations per 1000	
	Passing through:	<b>67.5%</b>	18 + residents:	<b>125</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,414)				ITP Stops <sup>3</sup> (N = 649)			
Mean age				Mean age			
<b>36.36</b>				<b>35.78</b>			
Gender %				Gender %			
Female <b>39.9%</b>				Female <b>37.2%</b>			
Male <b>60.1%</b>				Male <b>62.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>6.3%</b>				AA/Black <b>4.5%</b>			
Hispanic <b>4.3%</b>				Hispanic <b>3.6%</b>			
White <b>86.4%</b>				White <b>89.8%</b>			
Other <b>3.0%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.3%</b>	<b>0.6%</b>	<b>5.7%</b>	AA/Black	<b>6.3%</b>	<b>14.5%</b>	<b>-8.2%</b>
Hispanic	<b>4.3%</b>	<b>1.4%</b>	<b>2.9%</b>	Hispanic	<b>4.3%</b>	<b>15.2%</b>	<b>-10.9%</b>
White	<b>86.4%</b>	<b>91.9%</b>	<b>-5.5%</b>	White	<b>86.4%</b>	<b>65.1%</b>	<b>21.3%</b>
Other	<b>3.0%</b>	<b>5.9%</b>	<b>-2.9%</b>	Other	<b>3.0%</b>	<b>5.2%</b>	<b>-2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	179	<b>12.7%</b>	<b>16.0%</b>	NW	58	<b>10.0%</b>	<b>10.6%</b>
White	1,112	<b>87.3%</b>	<b>84.0%</b>	White	508	<b>90.0%</b>	<b>89.4%</b>
Chi-square, X-tab <sup>6</sup> :		.100	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.805	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.791	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.904	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.3%</b>	<b>7.7%</b>	<b>7.7%</b>	<b>3.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>78.7%</b>	<b>6.6%</b>	<b>11.5%</b>	<b>3.3%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>84.9%</b>	<b>10.2%</b>	<b>3.5%</b>	<b>1.4%</b>			
Other	<b>81.4%</b>	<b>7.0%</b>	<b>9.3%</b>	<b>2.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.021*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BELLINGHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,185</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.7%</b>	Citations per 1000	
	Passing through:	<b>74.3%</b>	18 + residents:	<b>88</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,085)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 4.3%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .143 not sig.				Chi-square, X-tab <sup>6</sup> : .229 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .724 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.332 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .002* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BELMONT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>330</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.0%</b>	Citations per 1000	
	Passing through:	<b>78.0%</b>	18 + residents:	<b>16.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 296)				ITP Stops <sup>3</sup> (N = 142)			
Mean age				Mean age			
<b>43.88</b>				<b>43.64</b>			
Gender %				Gender %			
Female <b>32.3%</b>				Female <b>28.1%</b>			
Male <b>67.4%</b>				Male <b>71.9%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.4%</b>				Race % Mis/Unk <sup>4</sup> <b>4.2%</b>			
AA/Black <b>7.0%</b>				AA/Black <b>5.1%</b>			
Hispanic <b>9.1%</b>				Hispanic <b>5.9%</b>			
White <b>62.9%</b>				White <b>66.2%</b>			
Other <b>21.0%</b>				Other <b>22.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.0%</b>	<b>1.5%</b>	<b>5.5%</b>	AA/Black	<b>7.0%</b>	<b>14.5%</b>	<b>-7.5%</b>
Hispanic	<b>9.1%</b>	<b>4.3%</b>	<b>4.8%</b>	Hispanic	<b>9.1%</b>	<b>15.2%</b>	<b>-6.1%</b>
White	<b>62.9%</b>	<b>73.2%</b>	<b>-10.3%</b>	White	<b>62.9%</b>	<b>65.1%</b>	<b>-2.2%</b>
Other	<b>21.0%</b>	<b>21.3%</b>	<b>-0.3%</b>	Other	<b>21.0%</b>	<b>5.2%</b>	<b>15.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	97	<b>34.0%</b>	<b>45.6%</b>	NW	37	<b>31.0%</b>	<b>31.3%</b>
White	169	<b>66.0%</b>	<b>54.4%</b>	White	82	<b>69.0%</b>	<b>68.8%</b>
Chi-square, X-tab <sup>6</sup> :		.106	not sig.	Chi-square, X-tab <sup>6</sup> :		.982	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.602	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.954	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>69.6%</b>	<b>13.0%</b>	<b>13.0%</b>	<b>4.3%</b>	NW	<b>0</b>
Hispanic	<b>57.1%</b>	<b>10.7%</b>	<b>21.4%</b>	<b>10.7%</b>	White	<b>1</b>
White	<b>85.6%</b>	<b>5.4%</b>	<b>7.9%</b>	<b>1.0%</b>		
Other	<b>86.4%</b>	<b>10.6%</b>	<b>3.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.001*	sig.			
					Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BERKLEY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>140</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>0.0%</b>	Citations per 1000	
	Passing through:	<b>100.0%</b>	18 + residents:	<b>27</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 118)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.7%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	33.3%	20.0%	40.0%	6.7%	NW	0
Hispanic	0.0%	0.0%	0.0%	0.0%	White	0
White	30.3%	35.2%	26.2%	8.2%		
Other	0.0%	100.0%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .696 not sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BERLIN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>794</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.8%</b>	Citations per 1000	
	Passing through:	<b>92.2%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 761)				ITP Stops <sup>3</sup> (N = 228)			
Mean age				Mean age			
<b>39.04</b>				<b>36.92</b>			
Gender %				Gender %			
Female <b>38.2%</b>				Female <b>44.3%</b>			
Male <b>61.8%</b>				Male <b>55.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>3.5%</b>				AA/Black <b>3.6%</b>			
Hispanic <b>15.3%</b>				Hispanic <b>22.7%</b>			
White <b>78.8%</b>				White <b>70.7%</b>			
Other <b>2.4%</b>				Other <b>3.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
Hispanic	<b>15.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>15.3%</b>	<b>15.2%</b>	<b>0.1%</b>
White	<b>78.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>78.8%</b>	<b>65.1%</b>	<b>13.7%</b>
Other	<b>2.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.4%</b>	<b>5.2%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	151	<b>18.2%</b>	<b>39.5%</b>	NW	59	<b>24.7%</b>	<b>41.3%</b>
White	577	<b>81.8%</b>	<b>60.5%</b>	White	149	<b>75.3%</b>	<b>58.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .027* sig.			
Odds ratio Exp(B) <sup>7</sup> : .288* sig.				Odds ratio Exp(B) <sup>7</sup> : .447 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>61.5%</b>	<b>23.1%</b>	<b>15.4%</b>	<b>0.0%</b>	NW	<b>0</b>	
Hispanic	<b>51.2%</b>	<b>19.8%</b>	<b>28.9%</b>	<b>0.0%</b>	White	<b>4</b>	
White	<b>69.8%</b>	<b>23.9%</b>	<b>5.7%</b>	<b>0.7%</b>			
Other	<b>88.9%</b>	<b>11.1%</b>	<b>0.0%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> : .000* sig.						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BEVERLY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,924</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.1%</b>	Citations per 1000	
	Passing through:	<b>67.9%</b>	18 + residents:	<b>55.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,801)				ITP Stops <sup>3</sup> (N = 620)			
Mean age				Mean age			
<b>39.45</b>				<b>38.33</b>			
Gender %				Gender %			
Female		<b>45.6%</b>		Female		<b>41.8%</b>	
Male		<b>54.3%</b>		Male		<b>58.0%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.2%</b>	
Race % Mis/Unk <sup>4</sup> <b>4.8%</b>				Race % Mis/Unk <sup>4</sup> <b>4.8%</b>			
AA/Black		<b>4.0%</b>		AA/Black		<b>3.9%</b>	
Hispanic		<b>7.6%</b>		Hispanic		<b>8.1%</b>	
White		<b>85.5%</b>		White		<b>85.4%</b>	
Other		<b>2.9%</b>		Other		<b>2.5%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>2.1%</b>	<b>1.9%</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>7.6%</b>	<b>5.1%</b>	<b>2.5%</b>	Hispanic	<b>7.6%</b>	<b>15.2%</b>	<b>-7.6%</b>
White	<b>85.5%</b>	<b>88.5%</b>	<b>-3.0%</b>	White	<b>85.5%</b>	<b>65.1%</b>	<b>20.4%</b>
Other	<b>2.9%</b>	<b>5.1%</b>	<b>-2.2%</b>	Other	<b>2.9%</b>	<b>5.2%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	222	<b>12.9%</b>	<b>18.4%</b>	NW	71	<b>13.0%</b>	<b>14.4%</b>
White	1,376	<b>87.1%</b>	<b>81.6%</b>	White	457	<b>87.0%</b>	<b>85.6%</b>
Chi-square, X-tab <sup>6</sup> :		.015*	sig.	Chi-square, X-tab <sup>6</sup> :		.672	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.691*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.875	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.1%</b>	<b>11.7%</b>	<b>29.9%</b>	<b>1.3%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>57.3%</b>	<b>16.1%</b>	<b>21.7%</b>	<b>4.9%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>73.7%</b>	<b>16.7%</b>	<b>8.3%</b>	<b>1.4%</b>			
Other	<b>78.8%</b>	<b>15.4%</b>	<b>5.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*		sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BILLERICA POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,315</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.0%</b>	Citations per 1000	
	Passing through:	<b>62.0%</b>	18 + residents:	<b>94.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,211)				ITP Stops <sup>3</sup> (N = 934)			
Mean age				Mean age			
<b>37.68</b>				<b>37.63</b>			
Gender %				Gender %			
Female		<b>34.6%</b>		Female		<b>34.8%</b>	
Male		<b>65.4%</b>		Male		<b>64.9%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.3%</b>	
Race % Mis/Unk <sup>4</sup> <b>8.0%</b>				Race % Mis/Unk <sup>4</sup> <b>10.3%</b>			
AA/Black		<b>8.7%</b>		AA/Black		<b>9.2%</b>	
Hispanic		<b>11.3%</b>		Hispanic		<b>10.3%</b>	
White		<b>72.7%</b>		White		<b>73.5%</b>	
Other		<b>7.3%</b>		Other		<b>7.0%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.7%</b>	<b>4.8%</b>	<b>3.9%</b>	AA/Black	<b>8.7%</b>	<b>14.5%</b>	<b>-5.8%</b>
Hispanic	<b>11.3%</b>	<b>4.5%</b>	<b>6.8%</b>	Hispanic	<b>11.3%</b>	<b>15.2%</b>	<b>-3.9%</b>
White	<b>72.7%</b>	<b>81.8%</b>	<b>-9.1%</b>	White	<b>72.7%</b>	<b>65.1%</b>	<b>7.6%</b>
Other	<b>7.3%</b>	<b>9.4%</b>	<b>-2.1%</b>	Other	<b>7.3%</b>	<b>5.2%</b>	<b>2.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	779	<b>26.2%</b>	<b>33.2%</b>	NW	196	<b>24.2%</b>	<b>33.1%</b>
White	2,081	<b>73.8%</b>	<b>66.8%</b>	White	553	<b>75.8%</b>	<b>66.9%</b>
Chi-square, X-tab <sup>6</sup> :		.004*	sig.	Chi-square, X-tab <sup>6</sup> :		.022*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.731*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.618	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.2%</b>	<b>28.4%</b>	<b>12.5%</b>	<b>1.9%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>44.4%</b>	<b>29.1%</b>	<b>22.3%</b>	<b>4.2%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>59.2%</b>	<b>33.0%</b>	<b>7.1%</b>	<b>0.7%</b>			
Other	<b>63.5%</b>	<b>27.9%</b>	<b>7.2%</b>	<b>1.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*		sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BLACKSTONE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>396</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>54.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 371)				ITP Stops <sup>3</sup> (N = 164)			
Mean age				Mean age			
<b>34.64</b>				<b>33.94</b>			
Gender %				Gender %			
Female <b>34.6%</b>				Female <b>30.0%</b>			
Male <b>65.4%</b>				Male <b>70.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>6.8%</b>				AA/Black <b>3.0%</b>			
Hispanic <b>16.3%</b>				Hispanic <b>17.1%</b>			
White <b>76.2%</b>				White <b>78.7%</b>			
Other <b>0.8%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>1.2%</b>	<b>5.6%</b>	AA/Black	<b>6.8%</b>	<b>14.5%</b>	<b>-7.7%</b>
Hispanic	<b>16.3%</b>	<b>2.4%</b>	<b>13.9%</b>	Hispanic	<b>16.3%</b>	<b>15.2%</b>	<b>1.1%</b>
White	<b>76.2%</b>	<b>93.5%</b>	<b>-17.3%</b>	White	<b>76.2%</b>	<b>65.1%</b>	<b>11.1%</b>
Other	<b>0.8%</b>	<b>3.1%</b>	<b>-2.3%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	82	<b>19.7%</b>	<b>30.1%</b>	NW	30	<b>14.3%</b>	<b>33.3%</b>
White	270	<b>80.3%</b>	<b>69.9%</b>	White	120	<b>85.7%</b>	<b>66.7%</b>
Chi-square, X-tab <sup>6</sup> :			.027* sig.	Chi-square, X-tab <sup>6</sup> :			.008* sig.
Odds ratio Exp(B) <sup>7</sup> :			.641 not sig.	Odds ratio Exp(B) <sup>7</sup> :			.310 not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.0%</b>	<b>8.0%</b>	<b>28.0%</b>	<b>12.0%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>15.9%</b>	<b>17.5%</b>	<b>61.9%</b>	<b>4.8%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>55.4%</b>	<b>16.5%</b>	<b>24.8%</b>	<b>3.3%</b>			
Other	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :			.000* sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BOLTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,743</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.1%</b>	Citations per 1000	
	Passing through:	<b>92.9%</b>	18 + residents:	<b>449.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,689)				ITP Stops <sup>3</sup> (N = 595)			
Mean age				Mean age			
<b>37.18</b>				<b>36.74</b>			
Gender %				Gender %			
Female <b>33.4%</b>				Female <b>32.3%</b>			
Male <b>66.6%</b>				Male <b>67.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>8.0%</b>				AA/Black <b>5.9%</b>			
Hispanic <b>19.5%</b>				Hispanic <b>24.5%</b>			
White <b>69.7%</b>				White <b>66.7%</b>			
Other <b>2.8%</b>				Other <b>2.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.0%</b>	<b>0.3%</b>	<b>7.7%</b>	AA/Black	<b>8.0%</b>	<b>14.5%</b>	<b>-6.5%</b>
Hispanic	<b>19.5%</b>	<b>1.4%</b>	<b>18.1%</b>	Hispanic	<b>19.5%</b>	<b>15.2%</b>	<b>4.3%</b>
White	<b>69.7%</b>	<b>92.5%</b>	<b>-22.8%</b>	White	<b>69.7%</b>	<b>65.1%</b>	<b>4.6%</b>
Other	<b>2.8%</b>	<b>6.5%</b>	<b>-3.7%</b>	Other	<b>2.8%</b>	<b>5.2%</b>	<b>-2.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	483	<b>26.5%</b>	<b>40.2%</b>	NW	178	<b>32.4%</b>	<b>39.6%</b>
White	1,097	<b>73.5%</b>	<b>59.8%</b>	White	336	<b>67.6%</b>	<b>60.4%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.111	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.544*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.613*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.2%</b>	<b>16.4%</b>	<b>21.6%</b>	<b>0.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>37.7%</b>	<b>15.7%</b>	<b>43.5%</b>	<b>3.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>72.3%</b>	<b>15.2%</b>	<b>10.9%</b>	<b>1.6%</b>			
Other	<b>66.7%</b>	<b>18.8%</b>	<b>14.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BOURNE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,919</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.2%</b>	Citations per 1000	
	Passing through:	<b>87.8%</b>	18 + residents:	<b>170.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,673)				ITP Stops <sup>3</sup> (N = 1,043)			
Mean age				Mean age			
<b>39.59</b>				<b>39.95</b>			
Gender %				Gender %			
Female		<b>36.1%</b>		Female		<b>32.5%</b>	
Male		<b>63.8%</b>		Male		<b>67.4%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.1%</b>	
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black		<b>10.5%</b>		AA/Black		<b>10.0%</b>	
Hispanic		<b>1.7%</b>		Hispanic		<b>1.7%</b>	
White		<b>87.0%</b>		White		<b>87.5%</b>	
Other		<b>0.8%</b>		Other		<b>0.8%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.5%</b>	<b>1.3%</b>	<b>9.2%</b>	AA/Black	<b>10.5%</b>	<b>14.5%</b>	<b>-4.0%</b>
Hispanic	<b>1.7%</b>	<b>2.7%</b>	<b>-1.0%</b>	Hispanic	<b>1.7%</b>	<b>15.2%</b>	<b>-13.5%</b>
White	<b>87.0%</b>	<b>88.5%</b>	<b>-1.5%</b>	White	<b>87.0%</b>	<b>65.1%</b>	<b>21.9%</b>
Other	<b>0.8%</b>	<b>5.7%</b>	<b>-4.9%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	318	<b>10.2%</b>	<b>15.8%</b>	NW	115	<b>12.1%</b>	<b>13.3%</b>
White	2,164	<b>89.8%</b>	<b>84.2%</b>	White	796	<b>87.9%</b>	<b>86.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.577	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.589*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.694	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.5%</b>	<b>10.9%</b>	<b>13.2%</b>	<b>2.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>50.9%</b>	<b>7.5%</b>	<b>30.2%</b>	<b>11.3%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>79.4%</b>	<b>10.3%</b>	<b>7.7%</b>	<b>2.6%</b>			
Other	<b>87.0%</b>	<b>8.7%</b>	<b>0.0%</b>	<b>4.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BOXBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>135</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.5%</b>	Citations per 1000	
	Passing through:	<b>83.5%</b>	18 + residents:	<b>30</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 127)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 9.4%				Race % Mis/Unk <sup>4</sup> N/A			
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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.350	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.672	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> :		.378	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BOXFORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>404</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.3%</b>	Citations per 1000	
	Passing through:	<b>93.7%</b>	18 + residents:	<b>65.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 394)				ITP Stops <sup>3</sup> (N = 115)			
Mean age				Mean age			
<b>37.68</b>				<b>35.79</b>			
Gender %				Gender %			
Female <b>24.6%</b>				Female <b>29.4%</b>			
Male <b>75.4%</b>				Male <b>70.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>69.8%</b>				Race % Mis/Unk <sup>4</sup> <b>67.8%</b>			
AA/Black <b>0.8%</b>				AA/Black <b>24.3%</b>			
Hispanic <b>16.8%</b>				Hispanic <b>0.0%</b>			
White <b>81.5%</b>				White <b>75.7%</b>			
Other <b>0.8%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>0.8%</b>	<b>0.0%</b>	<b>0.8%</b>	AA/Black	<b>0.8%</b>	<b>14.5%</b>	<b>-13.7%</b>
Hispanic	<b>16.8%</b>	<b>2.5%</b>	<b>14.3%</b>	Hispanic	<b>16.8%</b>	<b>15.2%</b>	<b>1.6%</b>
White	<b>81.5%</b>	<b>93.0%</b>	<b>-11.5%</b>	White	<b>81.5%</b>	<b>65.1%</b>	<b>16.4%</b>
Other	<b>0.8%</b>	<b>5.8%</b>	<b>-5.0%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>20.0%</b>	<b>55.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>37.9%</b>	<b>46.6%</b>	<b>12.6%</b>	<b>2.9%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.242	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BOYLSTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>406</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.7%</b>	Citations per 1000	
	Passing through:	<b>93.3%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 386)				ITP Stops <sup>3</sup> (N = 110)			
Mean age				Mean age			
<b>33.76</b>				<b>33.93</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>36.1%</b>			
Male <b>63.3%</b>				Male <b>63.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>13.5%</b>				Race % Mis/Unk <sup>4</sup> <b>23.6%</b>			
AA/Black <b>10.2%</b>				AA/Black <b>11.9%</b>			
Hispanic <b>23.1%</b>				Hispanic <b>26.2%</b>			
White <b>62.9%</b>				White <b>59.5%</b>			
Other <b>3.9%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.2%</b>	<b>14.5%</b>	<b>-4.3%</b>
Hispanic	<b>23.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>23.1%</b>	<b>15.2%</b>	<b>7.9%</b>
White	<b>62.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.9%</b>	<b>65.1%</b>	<b>-2.2%</b>
Other	<b>3.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.9%</b>	<b>5.2%</b>	<b>-1.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	120	<b>36.0%</b>	<b>39.8%</b>	NW	31	<b>48.5%</b>	<b>36.6%</b>
White	202	<b>64.0%</b>	<b>60.2%</b>	White	43	<b>51.5%</b>	<b>63.4%</b>
Chi-square, X-tab <sup>6</sup> :		.502	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.302	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.837	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.382	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.5%</b>	<b>21.6%</b>	<b>37.8%</b>	<b>0.0%</b>	NW	<b>16</b>	<b>N/A</b>
Hispanic	<b>38.6%</b>	<b>8.4%</b>	<b>49.4%</b>	<b>3.6%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>64.4%</b>	<b>9.6%</b>	<b>25.6%</b>	<b>0.5%</b>			
Other	<b>61.5%</b>	<b>15.4%</b>	<b>23.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BRAINTREE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>355</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.7%</b>	Citations per 1000	
	Passing through:	<b>75.3%</b>	18 + residents:	<b>12.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 264)				ITP Stops <sup>3</sup> (N = 104)			
Mean age				Mean age			
<b>36.45</b>				<b>36.15</b>			
Gender %				Gender %			
Female <b>29.0%</b>				Female <b>29.1%</b>			
Male <b>71.0%</b>				Male <b>70.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.2%</b>				Race % Mis/Unk <sup>4</sup> <b>8.7%</b>			
AA/Black <b>24.5%</b>				AA/Black <b>25.3%</b>			
Hispanic <b>10.2%</b>				Hispanic <b>12.6%</b>			
White <b>56.3%</b>				White <b>53.7%</b>			
Other <b>9.0%</b>				Other <b>8.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>24.5%</b>	<b>3.0%</b>	<b>21.5%</b>	AA/Black	<b>24.5%</b>	<b>14.5%</b>	<b>10.0%</b>
Hispanic	<b>10.2%</b>	<b>2.1%</b>	<b>8.1%</b>	Hispanic	<b>10.2%</b>	<b>15.2%</b>	<b>-5.0%</b>
White	<b>56.3%</b>	<b>79.4%</b>	<b>-23.1%</b>	White	<b>56.3%</b>	<b>65.1%</b>	<b>-8.8%</b>
Other	<b>9.0%</b>	<b>15.6%</b>	<b>-6.6%</b>	Other	<b>9.0%</b>	<b>5.2%</b>	<b>3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	100	<b>39.8%</b>	<b>50.5%</b>	NW	38	<b>45.1%</b>	<b>51.7%</b>
White	124	<b>60.2%</b>	<b>49.5%</b>	White	42	<b>54.9%</b>	<b>48.3%</b>
Chi-square, X-tab <sup>6</sup> : .110 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .568 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .617 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .891 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>28.6%</b>	<b>4.3%</b>	<b>58.6%</b>	<b>8.6%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>37.2%</b>	<b>9.3%</b>	<b>46.5%</b>	<b>7.0%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>36.9%</b>	<b>8.4%</b>	<b>42.5%</b>	<b>12.3%</b>			
Other	<b>70.6%</b>	<b>14.7%</b>	<b>14.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BREWSTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>376</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.4%</b>	Citations per 1000	
	Passing through:	<b>63.6%</b>	18 + residents:	<b>46</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 316)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.6%				Race % Mis/Unk <sup>4</sup> 0.0%			
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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	39	10.2%	21.2%	NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	252	89.8%	78.8%	White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> : .012* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .450* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .704 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BRIDGEWATER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,328</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.0%</b>	Citations per 1000	
	Passing through:	<b>71.0%</b>	18 + residents:	<b>103</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,152)				ITP Stops <sup>3</sup> (N = 822)			
Mean age				Mean age			
<b>34.87</b>				<b>36.18</b>			
Gender %				Gender %			
Female <b>35.1%</b>				Female <b>33.5%</b>			
Male <b>64.8%</b>				Male <b>66.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>17.1%</b>				AA/Black <b>13.9%</b>			
Hispanic <b>6.0%</b>				Hispanic <b>4.6%</b>			
White <b>75.0%</b>				White <b>79.7%</b>			
Other <b>1.8%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.1%</b>	<b>8.6%</b>	<b>8.5%</b>	AA/Black	<b>17.1%</b>	<b>14.5%</b>	<b>2.6%</b>
Hispanic	<b>6.0%</b>	<b>3.9%</b>	<b>2.1%</b>	Hispanic	<b>6.0%</b>	<b>15.2%</b>	<b>-9.2%</b>
White	<b>75.0%</b>	<b>83.5%</b>	<b>-8.5%</b>	White	<b>75.0%</b>	<b>65.1%</b>	<b>9.9%</b>
Other	<b>1.8%</b>	<b>4.7%</b>	<b>-2.9%</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	504	<b>22.2%</b>	<b>29.5%</b>	NW	142	<b>18.8%</b>	<b>21.7%</b>
White	1,513	<b>77.8%</b>	<b>70.5%</b>	White	575	<b>81.2%</b>	<b>78.3%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.356	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.707*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.913	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>71.5%</b>	<b>9.1%</b>	<b>15.1%</b>	<b>4.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>64.9%</b>	<b>9.0%</b>	<b>23.1%</b>	<b>3.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>82.9%</b>	<b>5.5%</b>	<b>7.5%</b>	<b>4.1%</b>			
Other	<b>83.3%</b>	<b>7.1%</b>	<b>9.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BRIMFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>104</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.6%</b>	Citations per 1000	
	Passing through:	<b>90.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 94)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.76</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>34.4%</b>				Female <b>N/A</b>			
Male <b>65.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>5.5%</b>				AA/Black <b>N/A</b>			
Hispanic <b>11.0%</b>				Hispanic <b>N/A</b>			
White <b>82.4%</b>				White <b>N/A</b>			
Other <b>1.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.5%</b>	<b>14.5%</b>	<b>-9.0%</b>
Hispanic	<b>11.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.0%</b>	<b>15.2%</b>	<b>-4.2%</b>
White	<b>82.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>82.4%</b>	<b>65.1%</b>	<b>17.3%</b>
Other	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>40.0%</b>	<b>0.0%</b>	<b>60.0%</b>	<b>0.0%</b>	NW	<b>1</b>
Hispanic	<b>27.3%</b>	<b>0.0%</b>	<b>72.7%</b>	<b>0.0%</b>	White	<b>0</b>
White	<b>53.6%</b>	<b>21.4%</b>	<b>20.2%</b>	<b>4.8%</b>		
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.032*	sig.		Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BROCKTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>3,594</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>58.5%</b>	Citations per 1000	
	Passing through:	<b>41.5%</b>	18 + residents:	<b>50.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,531)				ITP Stops <sup>3</sup> (N = 931)			
Mean age				Mean age			
<b>37.37</b>				<b>36.95</b>			
Gender %				Gender %			
Female		<b>34.4%</b>		Female		<b>37.8%</b>	
Male		<b>65.6%</b>		Male		<b>62.1%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.1%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
AA/Black		<b>68.2%</b>		AA/Black		<b>72.5%</b>	
Hispanic		<b>2.4%</b>		Hispanic		<b>2.1%</b>	
White		<b>28.9%</b>		White		<b>25.1%</b>	
Other		<b>0.4%</b>		Other		<b>0.3%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>68.2%</b>	<b>45.6%</b>	<b>22.6%</b>	AA/Black	<b>68.2%</b>	<b>14.5%</b>	<b>53.7%</b>
Hispanic	<b>2.4%</b>	<b>11.1%</b>	<b>-8.7%</b>	Hispanic	<b>2.4%</b>	<b>15.2%</b>	<b>-12.8%</b>
White	<b>28.9%</b>	<b>30.8%</b>	<b>-1.9%</b>	White	<b>28.9%</b>	<b>65.1%</b>	<b>-36.2%</b>
Other	<b>0.4%</b>	<b>6.0%</b>	<b>-5.6%</b>	Other	<b>0.4%</b>	<b>5.2%</b>	<b>-4.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,547	<b>69.3%</b>	<b>75.1%</b>	NW	626	<b>74.9%</b>	<b>73.0%</b>
White	641	<b>30.7%</b>	<b>24.9%</b>	White	216	<b>25.1%</b>	<b>27.0%</b>
Chi-square, X-tab <sup>6</sup> :		.009*	<i>sig.</i>	Chi-square, X-tab <sup>6</sup> :		.579	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.733*	<i>sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.014	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>46.3%</b>	<b>33.2%</b>	<b>17.3%</b>	<b>3.2%</b>	NW	<b>28</b>	<b>N/A</b>
Hispanic	<b>28.3%</b>	<b>32.3%</b>	<b>34.3%</b>	<b>5.1%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>54.1%</b>	<b>29.5%</b>	<b>15.7%</b>	<b>0.7%</b>			
Other	<b>38.9%</b>	<b>38.9%</b>	<b>22.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BROOKFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>157</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.3%</b>	Citations per 1000	
	Passing through:	<b>82.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 150)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>34.61</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>40.7%</b>				Female <b>N/A</b>			
Male <b>59.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>7.4%</b>				Hispanic <b>N/A</b>			
White <b>86.5%</b>				White <b>N/A</b>			
Other <b>1.4%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>4.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.7%</b>	<b>14.5%</b> <b>-9.8%</b>
Hispanic	<b>7.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.4%</b>	<b>15.2%</b> <b>-7.8%</b>
White	<b>86.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.5%</b>	<b>65.1%</b> <b>21.4%</b>
Other	<b>1.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.4%</b>	<b>5.2%</b> <b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	20	<b>14.5%</b>	<b>13.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	121	<b>85.5%</b>	<b>86.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.911	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.076	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>50.0%</b>	<b>12.5%</b>	<b>25.0%</b>	<b>12.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>83.3%</b>	<b>0.0%</b>	<b>8.3%</b>	<b>8.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>72.2%</b>	<b>7.5%</b>	<b>16.5%</b>	<b>3.8%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.381	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT BROOKLINE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,837</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.4%</b>	Citations per 1000	
	Passing through:	<b>88.4%</b>	18 + residents:	<b>59</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,706)				ITP Stops <sup>3</sup> (N = 1,148)			
Mean age				Mean age			
<b>40.8</b>				<b>39.5</b>			
Gender %				Gender %			
Female <b>37.1%</b>				Female <b>40.1%</b>			
Male <b>62.8%</b>				Male <b>59.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>2.3%</b>				<b>2.2%</b>	
AA/Black		<b>19.8%</b>		AA/Black		<b>19.6%</b>	
Hispanic		<b>13.0%</b>		Hispanic		<b>13.3%</b>	
White		<b>54.1%</b>		White		<b>54.1%</b>	
Other		<b>13.2%</b>		Other		<b>13.0%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.8%</b>	<b>3.2%</b>	<b>16.6%</b>	AA/Black	<b>19.8%</b>	<b>14.5%</b>	<b>5.3%</b>
Hispanic	<b>13.0%</b>	<b>6.8%</b>	<b>6.2%</b>	Hispanic	<b>13.0%</b>	<b>15.2%</b>	<b>-2.2%</b>
White	<b>54.1%</b>	<b>68.0%</b>	<b>-13.9%</b>	White	<b>54.1%</b>	<b>65.1%</b>	<b>-11.0%</b>
Other	<b>13.2%</b>	<b>22.6%</b>	<b>-9.4%</b>	Other	<b>13.2%</b>	<b>5.2%</b>	<b>8.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,153	<b>43.5%</b>	<b>54.1%</b>	NW	480	<b>43.4%</b>	<b>52.6%</b>
White	1,344	<b>56.5%</b>	<b>45.9%</b>	White	560	<b>56.6%</b>	<b>47.4%</b>
Chi-square, X-tab <sup>6</sup> :		<b>.000*</b>	<i>sig.</i>	Chi-square, X-tab <sup>6</sup> :		<b>.007*</b>	<i>sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		<b>.651*</b>	<i>sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		<b>.595*</b>	<i>sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.0%</b>	<b>14.2%</b>	<b>4.4%</b>	<b>0.4%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>74.2%</b>	<b>20.4%</b>	<b>4.9%</b>	<b>0.5%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>82.1%</b>	<b>15.3%</b>	<b>2.4%</b>	<b>0.2%</b>			
Other	<b>83.7%</b>	<b>14.9%</b>	<b>1.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		<b>.004*</b>	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
BURLINGTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,715</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.1%</b>	Citations per 1000	
	Passing through:	<b>74.9%</b>	18 + residents:	<b>119.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,659)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.1%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.534	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.582*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.089	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CAMBRIDGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>4,569</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>43.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,332)				ITP Stops <sup>3</sup> (N = 2,018)			
Mean age				Mean age			
<b>40.28</b>				<b>39.63</b>			
Gender %				Gender %			
Female <b>33.6%</b>				Female <b>33.1%</b>			
Male <b>66.3%</b>				Male <b>66.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>19.2%</b>				AA/Black <b>19.1%</b>			
Hispanic <b>12.1%</b>				Hispanic <b>12.4%</b>			
White <b>54.0%</b>				White <b>52.5%</b>			
Other <b>14.8%</b>				Other <b>16.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.2%</b>	<b>10.7%</b>	<b>8.5%</b>	AA/Black	<b>19.2%</b>	<b>14.5%</b>	<b>4.7%</b>
Hispanic	<b>12.1%</b>	<b>9.5%</b>	<b>2.6%</b>	Hispanic	<b>12.1%</b>	<b>15.2%</b>	<b>-3.1%</b>
White	<b>54.0%</b>	<b>59.8%</b>	<b>-5.8%</b>	White	<b>54.0%</b>	<b>65.1%</b>	<b>-11.1%</b>
Other	<b>14.8%</b>	<b>21.4%</b>	<b>-6.6%</b>	Other	<b>14.8%</b>	<b>5.2%</b>	<b>9.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,794	<b>42.9%</b>	<b>53.4%</b>	NW	848	<b>45.1%</b>	<b>50.9%</b>
White	2,134	<b>57.1%</b>	<b>46.6%</b>	White	962	<b>54.9%</b>	<b>49.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .024* sig.			
Odds ratio Exp(B) <sup>7</sup> : .639* sig.				Odds ratio Exp(B) <sup>7</sup> : .736* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.3%</b>	<b>17.3%</b>	<b>12.5%</b>	<b>1.9%</b>	NW	<b>15</b>	<b>N/A</b>
Hispanic	<b>63.9%</b>	<b>21.0%</b>	<b>12.8%</b>	<b>2.3%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>73.0%</b>	<b>21.6%</b>	<b>5.1%</b>	<b>0.4%</b>			
Other	<b>76.2%</b>	<b>19.1%</b>	<b>3.9%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CANTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,617</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.4%</b>	Citations per 1000	
	Passing through:	<b>71.6%</b>	18 + residents:	<b>194.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,583)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 10.9%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .555* sig.				Odds ratio Exp(B) <sup>7</sup> : .603* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CARVER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>116</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>33.8%</b>	Citations per 1000	
	Passing through:	<b>66.2%</b>	18 + residents:	<b>12.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 71)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.79</b>				N/A			
Gender %				Gender %			
Female <b>34.3%</b>				Female <b>N/A</b>			
Male <b>65.7%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>8.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>3.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.1%</b>				Hispanic <b>N/A</b>			
White <b>93.8%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.1%</b>	<b>0.5%</b>	<b>2.6%</b>	AA/Black	<b>3.1%</b>	<b>14.5%</b>	<b>-11.4%</b>
Hispanic	<b>3.1%</b>	<b>2.4%</b>	<b>0.7%</b>	Hispanic	<b>3.1%</b>	<b>15.2%</b>	<b>-12.1%</b>
White	<b>93.8%</b>	<b>92.5%</b>	<b>1.3%</b>	White	<b>93.8%</b>	<b>65.1%</b>	<b>28.7%</b>
Other	<b>0.0%</b>	<b>3.3%</b>	<b>-3.3%</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>0.0%</b>	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>44.7%</b>	<b>18.4%</b>	<b>32.0%</b>	<b>4.9%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.738	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CHARLTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,518</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.9%</b>	Citations per 1000	
	Passing through:	<b>82.1%</b>	18 + residents:	<b>141.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,464)				ITP Stops <sup>3</sup> (N = 440)			
Mean age				Mean age			
<b>37.35</b>				<b>36.91</b>			
Gender %				Gender %			
Female <b>39.5%</b>				Female <b>33.7%</b>			
Male <b>60.5%</b>				Male <b>66.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>9.0%</b>				AA/Black <b>11.5%</b>			
Hispanic <b>18.4%</b>				Hispanic <b>20.9%</b>			
White <b>69.7%</b>				White <b>64.0%</b>			
Other <b>2.9%</b>				Other <b>3.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>0.9%</b>	<b>8.1%</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>18.4%</b>	<b>6.1%</b>	<b>12.3%</b>	Hispanic	<b>18.4%</b>	<b>15.2%</b>	<b>3.2%</b>
White	<b>69.7%</b>	<b>90.5%</b>	<b>-20.8%</b>	White	<b>69.7%</b>	<b>65.1%</b>	<b>4.6%</b>
Other	<b>2.9%</b>	<b>3.7%</b>	<b>-0.8%</b>	Other	<b>2.9%</b>	<b>5.2%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	414	<b>23.1%</b>	<b>41.3%</b>	NW	132	<b>32.2%</b>	<b>36.3%</b>
White	982	<b>76.9%</b>	<b>58.7%</b>	White	255	<b>67.8%</b>	<b>63.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.396	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.398*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.479*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.5%</b>	<b>4.5%</b>	<b>10.5%</b>	<b>4.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>73.8%</b>	<b>13.6%</b>	<b>9.7%</b>	<b>2.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>81.2%</b>	<b>11.4%</b>	<b>4.8%</b>	<b>2.6%</b>			
Other	<b>86.0%</b>	<b>11.6%</b>	<b>2.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.003*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CHELMSFORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,991</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.7%</b>	Citations per 1000	
	Passing through:	<b>79.3%</b>	18 + residents:	<b>70.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,872)				ITP Stops <sup>3</sup> (N = 403)			
Mean age				Mean age			
<b>39.47</b>				<b>37.58</b>			
Gender %				Gender %			
Female <b>40.9%</b>				Female <b>38.9%</b>			
Male <b>59.0%</b>				Male <b>61.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.4%</b>				Race % Mis/Unk <sup>4</sup> <b>11.9%</b>			
AA/Black <b>6.4%</b>				AA/Black <b>5.6%</b>			
Hispanic <b>10.8%</b>				Hispanic <b>10.1%</b>			
White <b>69.9%</b>				White <b>69.6%</b>			
Other <b>12.9%</b>				Other <b>14.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.4%</b>	<b>0.9%</b>	<b>5.5%</b>	AA/Black	<b>6.4%</b>	<b>14.5%</b>	<b>-8.1%</b>
Hispanic	<b>10.8%</b>	<b>3.3%</b>	<b>7.5%</b>	Hispanic	<b>10.8%</b>	<b>15.2%</b>	<b>-4.4%</b>
White	<b>69.9%</b>	<b>85.2%</b>	<b>-15.3%</b>	White	<b>69.9%</b>	<b>65.1%</b>	<b>4.8%</b>
Other	<b>12.9%</b>	<b>11.0%</b>	<b>1.9%</b>	Other	<b>12.9%</b>	<b>5.2%</b>	<b>7.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	507	<b>27.7%</b>	<b>46.6%</b>	NW	95	<b>24.6%</b>	<b>43.4%</b>
White	1,171	<b>72.3%</b>	<b>53.4%</b>	White	210	<b>75.4%</b>	<b>56.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig			
Odds ratio Exp(B) <sup>7</sup> : .432* sig.				Odds ratio Exp(B) <sup>7</sup> : .340* sig			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.3%</b>	<b>26.1%</b>	<b>9.2%</b>	<b>3.4%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>55.2%</b>	<b>27.1%</b>	<b>14.3%</b>	<b>3.4%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>72.3%</b>	<b>21.0%</b>	<b>5.0%</b>	<b>1.7%</b>			
Other	<b>74.0%</b>	<b>21.1%</b>	<b>3.7%</b>	<b>1.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CHELSEA POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,538</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.6%</b>	Citations per 1000	
	Passing through:	<b>64.4%</b>	18 + residents:	<b>52.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,357)				ITP Stops <sup>3</sup> (N = 314)			
Mean age				Mean age			
<b>40.47</b>				<b>39.18</b>			
Gender %				Gender %			
Female <b>31.1%</b>				Female <b>26.1%</b>			
Male <b>68.9%</b>				Male <b>73.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.5%</b>				Race % Mis/Unk <sup>4</sup> <b>6.7%</b>			
AA/Black <b>11.8%</b>				AA/Black <b>12.3%</b>			
Hispanic <b>32.3%</b>				Hispanic <b>36.5%</b>			
White <b>53.6%</b>				White <b>49.8%</b>			
Other <b>2.3%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.8%</b>	<b>6.4%</b>	<b>5.4%</b>	AA/Black	<b>11.8%</b>	<b>14.5%</b>	<b>-2.7%</b>
Hispanic	<b>32.3%</b>	<b>67.0%</b>	<b>-34.7%</b>	Hispanic	<b>32.3%</b>	<b>15.2%</b>	<b>17.1%</b>
White	<b>53.6%</b>	<b>20.6%</b>	<b>33.0%</b>	White	<b>53.6%</b>	<b>65.1%</b>	<b>-11.5%</b>
Other	<b>2.3%</b>	<b>36.9%</b>	<b>-34.6%</b>	Other	<b>2.3%</b>	<b>5.2%</b>	<b>-2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	546	<b>46.8%</b>	<b>46.5%</b>	NW	135	<b>52.0%</b>	<b>48.3%</b>
White	623	<b>53.2%</b>	<b>53.5%</b>	White	131	<b>48.0%</b>	<b>51.7%</b>
Chi-square, X-tab <sup>6</sup> :		.944	not sig.	Chi-square, X-tab <sup>6</sup> :		.573	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.061	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.862	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.8%</b>	<b>10.8%</b>	<b>15.8%</b>	<b>0.6%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>64.9%</b>	<b>8.1%</b>	<b>24.1%</b>	<b>2.9%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>67.1%</b>	<b>12.7%</b>	<b>15.9%</b>	<b>4.4%</b>			
Other	<b>77.4%</b>	<b>9.7%</b>	<b>6.5%</b>	<b>6.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CHESHIRE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>115</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>13.2%</b>	Citations per 1000			
	Passing through:		<b>86.8%</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 114)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>35.39</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>48.2%</b>		Female		<b>N/A</b>	
Male		<b>51.8%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>0.9%</b>				<b>N/A</b>	
AA/Black		<b>14.2%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>3.5%</b>		Hispanic		<b>N/A</b>	
White		<b>82.3%</b>		White		<b>N/A</b>	
Other		<b>0.0%</b>		Other		<b>N/A</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>14.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>14.2%</b>	<b>14.5%</b>	<b>-0.3%</b>
Hispanic	<b>3.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.5%</b>	<b>15.2%</b>	<b>-11.7%</b>
White	<b>82.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>82.3%</b>	<b>65.1%</b>	<b>17.2%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2022 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	20	<b>15.5%</b>	<b>25.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	91	<b>84.5%</b>	<b>74.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.219	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.435	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.5%</b>	<b>18.8%</b>	<b>18.8%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>78.7%</b>	<b>13.8%</b>	<b>7.4%</b>	<b>0.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.385	not sig.				
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CHESTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>283</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.7%</b>	Citations per 1000	
	Passing through:	<b>81.3%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 283)				ITP Stops <sup>3</sup> (N = 144)			
Mean age				Mean age			
<b>46.11</b>				<b>42.42</b>			
Gender %				Gender %			
Female <b>44.2%</b>				Female <b>44.4%</b>			
Male <b>55.8%</b>				Male <b>55.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			
AA/Black <b>2.2%</b>				AA/Black <b>2.8%</b>			
Hispanic <b>2.5%</b>				Hispanic <b>2.8%</b>			
White <b>94.2%</b>				White <b>92.2%</b>			
Other <b>1.1%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.2%</b>	<b>14.5%</b>	<b>-12.3%</b>
Hispanic	<b>2.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>2.5%</b>	<b>15.2%</b>	<b>-12.7%</b>
White	<b>94.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>94.2%</b>	<b>65.1%</b>	<b>29.1%</b>
Other	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>85.7%</b>	<b>14.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>
White	<b>88.1%</b>	<b>11.1%</b>	<b>0.8%</b>	<b>0.0%</b>		
Other	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> : .877 not sig.					Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CHICOPEE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>6,567</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>43.4%</b>	Citations per 1000	
	Passing through:	<b>56.6%</b>	18 + residents:	<b>148.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,711)				ITP Stops <sup>3</sup> (N = 1,107)			
Mean age				Mean age			
<b>40.89</b>				<b>37.86</b>			
Gender %				Gender %			
Female <b>43.0%</b>				Female <b>37.6%</b>			
Male <b>56.9%</b>				Male <b>62.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>10.3%</b>				AA/Black <b>14.1%</b>			
Hispanic <b>29.1%</b>				Hispanic <b>37.8%</b>			
White <b>58.7%</b>				White <b>46.4%</b>			
Other <b>1.8%</b>				Other <b>1.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.3%</b>	<b>5.2%</b>	<b>5.1%</b>	AA/Black	<b>10.3%</b>	<b>14.5%</b>	<b>-4.2%</b>
Hispanic	<b>29.1%</b>	<b>21.0%</b>	<b>8.1%</b>	Hispanic	<b>29.1%</b>	<b>15.2%</b>	<b>13.9%</b>
White	<b>58.7%</b>	<b>71.2%</b>	<b>-12.5%</b>	White	<b>58.7%</b>	<b>65.1%</b>	<b>-6.4%</b>
Other	<b>1.8%</b>	<b>4.6%</b>	<b>-2.8%</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,237	<b>35.4%</b>	<b>54.6%</b>	NW	500	<b>51.0%</b>	<b>53.5%</b>
White	3,240	<b>64.6%</b>	<b>45.4%</b>	White	455	<b>49.0%</b>	<b>46.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .440 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .434* sig.				Odds ratio Exp(B) <sup>7</sup> : .638* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.2%</b>	<b>9.8%</b>	<b>17.7%</b>	<b>7.3%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>67.2%</b>	<b>8.7%</b>	<b>18.1%</b>	<b>6.0%</b>	White	<b>22</b>	<b>N/A</b>
White	<b>85.2%</b>	<b>5.9%</b>	<b>6.4%</b>	<b>2.5%</b>			
Other	<b>89.0%</b>	<b>5.1%</b>	<b>5.1%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CLINTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>171</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>45.4%</b>	Citations per 1000	
	Passing through:	<b>54.6%</b>	18 + residents:	<b>24.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 119)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.17</b>				N/A			
Gender %				Gender %			
Female <b>24.8%</b>				Female <b>N/A</b>			
Male <b>75.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>12.6%</b>				Race % Mis/Unk <sup>4</sup> <b>12.0%</b>			
AA/Black <b>7.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>29.8%</b>				Hispanic <b>N/A</b>			
White <b>61.5%</b>				White <b>N/A</b>			
Other <b>1.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.7%</b>	<b>3.4%</b>	<b>4.3%</b>	AA/Black	<b>7.7%</b>	<b>14.5%</b>	<b>-6.8%</b>
Hispanic	<b>29.8%</b>	<b>19.7%</b>	<b>10.1%</b>	Hispanic	<b>29.8%</b>	<b>15.2%</b>	<b>14.6%</b>
White	<b>61.5%</b>	<b>74.9%</b>	<b>-13.4%</b>	White	<b>61.5%</b>	<b>65.1%</b>	<b>-3.6%</b>
Other	<b>1.0%</b>	<b>4.8%</b>	<b>-3.8%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>34.1%</b>	<b>46.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	52	<b>65.9%</b>	<b>53.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .238 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .591 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>9.1%</b>	<b>18.2%</b>	<b>54.5%</b>	<b>18.2%</b>	NW	<b>0</b>
Hispanic	<b>7.7%</b>	<b>13.5%</b>	<b>57.7%</b>	<b>21.2%</b>	White	<b>0</b>
White	<b>32.6%</b>	<b>18.0%</b>	<b>32.6%</b>	<b>16.9%</b>		
Other	<b>0.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .023* <i>sig.</i>						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
COHASSET POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,433</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>33.0%</b>	Citations per 1000	
	Passing through:	<b>67.0%</b>	18 + residents:	<b>399.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,376)				ITP Stops <sup>3</sup> (N = 1,291)			
Mean age				Mean age			
<b>44.16</b>				<b>43.89</b>			
Gender %				Gender %			
Female <b>44.8%</b>				Female <b>40.8%</b>			
Male <b>55.2%</b>				Male <b>59.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.3%</b>			
AA/Black <b>2.7%</b>				AA/Black <b>3.0%</b>			
Hispanic <b>4.1%</b>				Hispanic <b>3.7%</b>			
White <b>91.1%</b>				White <b>91.2%</b>			
Other <b>2.1%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.7%</b>	<b>0.7%</b>	<b>2.0%</b>	AA/Black	<b>2.7%</b>	<b>14.5%</b>	<b>-11.8%</b>
Hispanic	<b>4.1%</b>	<b>1.4%</b>	<b>2.7%</b>	Hispanic	<b>4.1%</b>	<b>15.2%</b>	<b>-11.1%</b>
White	<b>91.1%</b>	<b>95.4%</b>	<b>-4.3%</b>	White	<b>91.1%</b>	<b>65.1%</b>	<b>26.0%</b>
Other	<b>2.1%</b>	<b>2.3%</b>	<b>-0.2%</b>	Other	<b>2.1%</b>	<b>5.2%</b>	<b>-3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	202	<b>8.7%</b>	<b>10.9%</b>	NW	105	<b>8.4%</b>	<b>11.3%</b>
White	2,029	<b>91.3%</b>	<b>89.1%</b>	White	1,055	<b>91.6%</b>	<b>88.7%</b>
Chi-square, X-tab <sup>6</sup> : .163 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .149 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .849 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .793 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>87.9%</b>	<b>3.0%</b>	<b>6.1%</b>	<b>3.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>76.5%</b>	<b>5.1%</b>	<b>18.4%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>93.9%</b>	<b>3.7%</b>	<b>2.2%</b>	<b>0.3%</b>			
Other	<b>94.3%</b>	<b>5.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
COLRAIN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>303</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.9%</b>	Citations per 1000	
	Passing through:	<b>89.1%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 302)				ITP Stops <sup>3</sup> (N = 144)			
Mean age				Mean age			
<b>43.85</b>				<b>42.42</b>			
Gender %				Gender %			
Female		<b>38.3%</b>		Female		<b>44.4%</b>	
Male		<b>61.7%</b>		Male		<b>55.6%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>2.6%</b>				<b>2.1%</b>	
AA/Black		<b>1.4%</b>		AA/Black		<b>2.8%</b>	
Hispanic		<b>2.0%</b>		Hispanic		<b>2.8%</b>	
White		<b>94.2%</b>		White		<b>92.2%</b>	
Other		<b>2.4%</b>		Other		<b>2.1%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>1.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>1.4%</b>	<b>-13.1%</b>
Hispanic	<b>2.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>15.2%</b>	<b>-13.2%</b>
White	<b>94.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>65.1%</b>	<b>29.1%</b>
Other	<b>2.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.2%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>85.7%</b>	<b>14.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>88.1%</b>	<b>11.1%</b>	<b>0.8%</b>	<b>0.0%</b>			
Other	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.877	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
CONCORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>5,644</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.9%</b>	Citations per 1000	
	Passing through:	<b>82.1%</b>	18 + residents:	<b>393.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,551)				ITP Stops <sup>3</sup> (N = 2,020)			
Mean age				Mean age			
<b>41.19</b>				<b>42.83</b>			
Gender %				Gender %			
Female <b>41.0%</b>				Female <b>44.3%</b>			
Male <b>58.9%</b>				Male <b>55.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>9.9%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>10.6%</b>				Hispanic <b>8.3%</b>			
White <b>70.0%</b>				White <b>76.9%</b>			
Other <b>9.5%</b>				Other <b>9.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.9%</b>	<b>4.0%</b>	<b>5.9%</b>	AA/Black	<b>9.9%</b>	<b>14.5%</b>	<b>-4.6%</b>
Hispanic	<b>10.6%</b>	<b>7.2%</b>	<b>3.4%</b>	Hispanic	<b>10.6%</b>	<b>15.2%</b>	<b>-4.6%</b>
White	<b>70.0%</b>	<b>79.4%</b>	<b>-9.4%</b>	White	<b>70.0%</b>	<b>65.1%</b>	<b>4.9%</b>
Other	<b>9.5%</b>	<b>10.0%</b>	<b>-0.5%</b>	Other	<b>9.5%</b>	<b>5.2%</b>	<b>4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,585	<b>21.6%</b>	<b>42.7%</b>	NW	399	<b>21.2%</b>	<b>25.0%</b>
White	3,727	<b>78.4%</b>	<b>57.3%</b>	White	1,410	<b>78.8%</b>	<b>75.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .110 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .359* sig.				Odds ratio Exp(B) <sup>7</sup> : .613* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.0%</b>	<b>18.4%</b>	<b>10.3%</b>	<b>1.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>58.2%</b>	<b>17.5%</b>	<b>22.4%</b>	<b>1.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>82.0%</b>	<b>14.0%</b>	<b>3.2%</b>	<b>0.8%</b>			
Other	<b>76.9%</b>	<b>18.4%</b>	<b>4.4%</b>	<b>0.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DALTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>230</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.7%</b>	Citations per 1000	
	Passing through:	<b>76.3%</b>	18 + residents:	<b>42.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 215)				ITP Stops <sup>3</sup> (N = 112)			
Mean age				Mean age			
<b>37.11</b>				<b>36.4</b>			
Gender %				Gender %			
Female <b>41.4%</b>				Female <b>37.5%</b>			
Male <b>58.6%</b>				Male <b>62.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.8%</b>				Race % Mis/Unk <sup>4</sup> <b>11.6%</b>			
AA/Black <b>8.2%</b>				AA/Black <b>8.1%</b>			
Hispanic <b>0.0%</b>				Hispanic <b>0.0%</b>			
White <b>91.8%</b>				White <b>91.9%</b>			
Other <b>0.0%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>8.2%</b>	<b>0.1%</b>	<b>8.1%</b>	AA/Black	<b>8.2%</b>	<b>14.5%</b> <b>-6.3%</b>
Hispanic	<b>0.0%</b>	<b>2.1%</b>	<b>-2.1%</b>	Hispanic	<b>0.0%</b>	<b>15.2%</b> <b>-15.2%</b>
White	<b>91.8%</b>	<b>95.4%</b>	<b>-3.6%</b>	White	<b>91.8%</b>	<b>65.1%</b> <b>26.7%</b>
Other	<b>0.0%</b>	<b>2.2%</b>	<b>-2.2%</b>	Other	<b>0.0%</b>	<b>5.2%</b> <b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	13	<b>8.6%</b>	<b>7.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	151	<b>91.4%</b>	<b>93.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .714 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .998 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>64.7%</b>	<b>11.8%</b>	<b>17.6%</b>	<b>5.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>77.7%</b>	<b>5.7%</b>	<b>15.5%</b>	<b>1.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .649 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DANVERS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,117</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.9%</b>	Citations per 1000	
	Passing through:	<b>80.1%</b>	18 + residents:	<b>50.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 891)				ITP Stops <sup>3</sup> (N = 282)			
Mean age				Mean age			
<b>39.77</b>				<b>39.52</b>			
Gender %				Gender %			
Female <b>36.8%</b>				Female <b>35.2%</b>			
Male <b>63.1%</b>				Male <b>64.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>8.4%</b>				AA/Black <b>8.7%</b>			
Hispanic <b>14.8%</b>				Hispanic <b>15.3%</b>			
White <b>74.6%</b>				White <b>74.2%</b>			
Other <b>2.2%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.4%</b>	<b>2.4%</b>	<b>6.0%</b>	AA/Black	<b>8.4%</b>	<b>14.5%</b>	<b>-6.1%</b>
Hispanic	<b>14.8%</b>	<b>5.1%</b>	<b>9.7%</b>	Hispanic	<b>14.8%</b>	<b>15.2%</b>	<b>-0.4%</b>
White	<b>74.6%</b>	<b>87.6%</b>	<b>-13.0%</b>	White	<b>74.6%</b>	<b>65.1%</b>	<b>9.5%</b>
Other	<b>2.2%</b>	<b>5.0%</b>	<b>-2.8%</b>	Other	<b>2.2%</b>	<b>5.2%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	213	<b>20.5%</b>	<b>31.5%</b>	NW	66	<b>28.2%</b>	<b>23.8%</b>
White	591	<b>79.5%</b>	<b>68.5%</b>	White	191	<b>71.8%</b>	<b>76.2%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.427	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.544*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.093	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>85.7%</b>	<b>3.6%</b>	<b>7.1%</b>	<b>3.6%</b>	NW	<b>0</b>
Hispanic	<b>76.7%</b>	<b>6.2%</b>	<b>13.0%</b>	<b>4.1%</b>	White	<b>0</b>
White	<b>84.9%</b>	<b>2.4%</b>	<b>9.1%</b>	<b>3.6%</b>		
Other	<b>87.0%</b>	<b>4.3%</b>	<b>4.3%</b>	<b>4.3%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.329	not sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DARTMOUTH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,949</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.0%</b>	Citations per 1000	
	Passing through:	<b>70.0%</b>	18 + residents:	<b>101.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,673)				ITP Stops <sup>3</sup> (N = 964)			
Mean age				Mean age			
<b>38.72</b>				<b>38.91</b>			
Gender %				Gender %			
Female		<b>48.6%</b>		Female		<b>42.9%</b>	
Male		<b>51.4%</b>		Male		<b>57.0%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.1%</b>	
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black		<b>10.5%</b>		AA/Black		<b>9.9%</b>	
Hispanic		<b>7.0%</b>		Hispanic		<b>7.5%</b>	
White		<b>80.6%</b>		White		<b>80.4%</b>	
Other		<b>2.0%</b>		Other		<b>2.2%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.5%</b>	<b>3.2%</b>	<b>7.3%</b>	AA/Black	<b>10.5%</b>	<b>14.5%</b>	<b>-4.0%</b>
Hispanic	<b>7.0%</b>	<b>3.1%</b>	<b>3.9%</b>	Hispanic	<b>7.0%</b>	<b>15.2%</b>	<b>-8.2%</b>
White	<b>80.6%</b>	<b>89.1%</b>	<b>-8.5%</b>	White	<b>80.6%</b>	<b>65.1%</b>	<b>15.5%</b>
Other	<b>2.0%</b>	<b>4.6%</b>	<b>-2.6%</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	492	<b>18.2%</b>	<b>23.9%</b>	NW	174	<b>18.4%</b>	<b>23.5%</b>	White	691	<b>81.6%</b>	<b>76.5%</b>
White	2,035	<b>81.8%</b>	<b>76.1%</b>	Chi-square, X-tab <sup>6</sup> :	.002*	sig.		Chi-square, X-tab <sup>6</sup> :	.077	not sig.	
		Odds ratio Exp(B) <sup>7</sup> :	.773* sig.			Odds ratio Exp(B) <sup>7</sup> :	1.101			not sig.	

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>63.5%</b>	<b>10.8%</b>	<b>23.3%</b>	<b>2.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>48.5%</b>	<b>6.9%</b>	<b>36.6%</b>	<b>7.9%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>75.3%</b>	<b>10.1%</b>	<b>11.8%</b>	<b>2.8%</b>			
Other	<b>76.8%</b>	<b>10.7%</b>	<b>10.7%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DEDHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>7,818</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.6%</b>	Citations per 1000	
	Passing through:	<b>82.4%</b>	18 + residents:	<b>383.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,729)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.6%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .463 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .734* sig.				Odds ratio Exp(B) <sup>7</sup> : .921 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DEERFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>171</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>45.4%</b>	Citations per 1000	
	Passing through:	<b>54.6%</b>	18 + residents:	<b>24.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 119)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.17</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>24.8%</b>				Female <b>N/A</b>			
Male <b>75.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>12.6%</b>				Race % Mis/Unk <sup>4</sup> <b>12.0%</b>			
AA/Black <b>7.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>29.8%</b>				Hispanic <b>N/A</b>			
White <b>61.5%</b>				White <b>N/A</b>			
Other <b>1.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>7.7%</b>	<b>3.4%</b>	<b>4.3%</b>	AA/Black	<b>7.7%</b>	<b>14.5%</b> <b>-6.8%</b>
Hispanic	<b>29.8%</b>	<b>19.7%</b>	<b>10.1%</b>	Hispanic	<b>29.8%</b>	<b>15.2%</b> <b>14.6%</b>
White	<b>61.5%</b>	<b>74.9%</b>	<b>-13.4%</b>	White	<b>61.5%</b>	<b>65.1%</b> <b>-3.6%</b>
Other	<b>1.0%</b>	<b>4.8%</b>	<b>-3.8%</b>	Other	<b>1.0%</b>	<b>5.2%</b> <b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>34.1%</b>	<b>46.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	52	<b>65.9%</b>	<b>53.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.238	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.591	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>9.1%</b>	<b>18.2%</b>	<b>54.5%</b>	<b>18.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>7.7%</b>	<b>13.5%</b>	<b>57.7%</b>	<b>21.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>32.6%</b>	<b>18.0%</b>	<b>32.6%</b>	<b>16.9%</b>			
Other	<b>0.0%</b>	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.023* <i>sig.</i>					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DENNIS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>730</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>3.8%</b>	Citations per 1000	
	Passing through:	<b>96.2%</b>	18 + residents:	<b>60</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 661)				ITP Stops <sup>3</sup> (N = 234)			
Mean age				Mean age			
<b>41.72</b>				<b>40.13</b>			
Gender %				Gender %			
Female <b>37.4%</b>				Female <b>34.3%</b>			
Male <b>62.6%</b>				Male <b>65.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>9.6%</b>				AA/Black <b>10.3%</b>			
Hispanic <b>1.5%</b>				Hispanic <b>0.9%</b>			
White <b>88.4%</b>				White <b>88.4%</b>			
Other <b>0.5%</b>				Other <b>0.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>9.6%</b>	<b>4.0%</b>	<b>5.6%</b>	AA/Black	<b>9.6%</b>	<b>14.5%</b> <b>-4.9%</b>
Hispanic	<b>1.5%</b>	<b>2.1%</b>	<b>-0.6%</b>	Hispanic	<b>1.5%</b>	<b>15.2%</b> <b>-13.7%</b>
White	<b>88.4%</b>	<b>90.8%</b>	<b>-2.4%</b>	White	<b>88.4%</b>	<b>65.1%</b> <b>23.3%</b>
Other	<b>0.5%</b>	<b>2.9%</b>	<b>-2.4%</b>	Other	<b>0.5%</b>	<b>5.2%</b> <b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	64	<b>8.4%</b>	<b>14.4%</b>	NW	20	<b>10.8%</b>	<b>8.5%</b>
White	531	<b>91.6%</b>	<b>85.6%</b>	White	185	<b>89.2%</b>	<b>91.5%</b>
Chi-square, X-tab <sup>6</sup> : .020* sig.				Chi-square, X-tab <sup>6</sup> : .580 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .579* sig.				Odds ratio Exp(B) <sup>7</sup> : 2.305 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.2%</b>	<b>7.0%</b>	<b>25.4%</b>	<b>8.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>54.5%</b>	<b>9.1%</b>	<b>27.3%</b>	<b>9.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>67.9%</b>	<b>7.6%</b>	<b>19.4%</b>	<b>5.1%</b>			
Other	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .732 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DIGHTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>429</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.3%</b>	Citations per 1000	
	Passing through:	<b>84.7%</b>	18 + residents:	<b>66.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 404)				ITP Stops <sup>3</sup> (N = 119)			
Mean age				Mean age			
<b>34.29</b>				<b>31.87</b>			
Gender %				Gender %			
Female <b>31.7%</b>				Female <b>28.0%</b>			
Male <b>68.3%</b>				Male <b>72.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>9.0%</b>				AA/Black <b>9.4%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>1.7%</b>			
White <b>85.2%</b>				White <b>88.0%</b>			
Other <b>0.8%</b>				Other <b>0.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>3.1%</b>	<b>5.9%</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>5.0%</b>	<b>0.4%</b>	<b>4.6%</b>	Hispanic	<b>5.0%</b>	<b>15.2%</b>	<b>-10.2%</b>
White	<b>85.2%</b>	<b>92.0%</b>	<b>-6.8%</b>	White	<b>85.2%</b>	<b>65.1%</b>	<b>20.1%</b>
Other	<b>0.8%</b>	<b>2.1%</b>	<b>-1.3%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	59	<b>14.1%</b>	<b>18.8%</b>	NW	14	<b>11.4%</b>	<b>17.2%</b>
White	330	<b>85.9%</b>	<b>81.2%</b>	White	94	<b>88.6%</b>	<b>82.8%</b>
Chi-square, X-tab <sup>6</sup> :		.288	not sig.	Chi-square, X-tab <sup>6</sup> :		.423	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.546	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.556	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>30.8%</b>	<b>25.6%</b>	<b>38.5%</b>	<b>5.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>30.0%</b>	<b>20.0%</b>	<b>45.0%</b>	<b>5.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>58.5%</b>	<b>18.4%</b>	<b>20.9%</b>	<b>2.2%</b>			
Other	<b>33.3%</b>	<b>33.3%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.024* sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DOUGLAS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,506</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.6%</b>	Citations per 1000	
	Passing through:	<b>78.4%</b>	18 + residents:	<b>218.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,453)				ITP Stops <sup>3</sup> (N = 696)			
Mean age				Mean age			
<b>34.32</b>				<b>34.9</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>33.3%</b>			
Male <b>63.3%</b>				Male <b>66.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>7.2%</b>				AA/Black <b>5.2%</b>			
Hispanic <b>11.7%</b>				Hispanic <b>11.3%</b>			
White <b>79.4%</b>				White <b>82.7%</b>			
Other <b>1.7%</b>				Other <b>0.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.2%</b>	<b>0.3%</b>	<b>6.9%</b>	AA/Black	<b>7.2%</b>	<b>14.5%</b>	<b>-7.3%</b>
Hispanic	<b>11.7%</b>	<b>5.7%</b>	<b>6.0%</b>	Hispanic	<b>11.7%</b>	<b>15.2%</b>	<b>-3.5%</b>
White	<b>79.4%</b>	<b>91.1%</b>	<b>-11.7%</b>	White	<b>79.4%</b>	<b>65.1%</b>	<b>14.3%</b>
Other	<b>1.7%</b>	<b>3.0%</b>	<b>-1.3%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	288	<b>16.5%</b>	<b>25.8%</b>	NW	112	<b>16.5%</b>	<b>20.5%</b>
White	1,080	<b>83.5%</b>	<b>74.2%</b>	White	510	<b>83.5%</b>	<b>79.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .212 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .556* sig.				Odds ratio Exp(B) <sup>7</sup> : .883 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.4%</b>	<b>8.3%</b>	<b>19.4%</b>	<b>2.8%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>53.4%</b>	<b>3.4%</b>	<b>39.8%</b>	<b>3.4%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>77.2%</b>	<b>5.3%</b>	<b>13.7%</b>	<b>3.8%</b>			
Other	<b>83.3%</b>	<b>8.3%</b>	<b>8.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DOVER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>318</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.8%</b>	Citations per 1000	
	Passing through:	<b>88.2%</b>	18 + residents:	<b>71.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 297)				ITP Stops <sup>3</sup> (N = 127)			
Mean age				Mean age			
<b>37.35</b>				<b>36.36</b>			
Gender %				Gender %			
Female <b>38.7%</b>				Female <b>34.7%</b>			
Male <b>61.0%</b>				Male <b>65.3%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>7.1%</b>				AA/Black <b>7.2%</b>			
Hispanic <b>9.2%</b>				Hispanic <b>12.0%</b>			
White <b>78.6%</b>				White <b>76.8%</b>			
Other <b>5.1%</b>				Other <b>4.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.1%</b>	<b>0.0%</b>	<b>7.1%</b>	AA/Black	<b>7.1%</b>	<b>14.5%</b>	<b>-7.4%</b>
Hispanic	<b>9.2%</b>	<b>3.1%</b>	<b>6.1%</b>	Hispanic	<b>9.2%</b>	<b>15.2%</b>	<b>-6.0%</b>
White	<b>78.6%</b>	<b>84.8%</b>	<b>-6.2%</b>	White	<b>78.6%</b>	<b>65.1%</b>	<b>13.5%</b>
Other	<b>5.1%</b>	<b>12.4%</b>	<b>-7.3%</b>	Other	<b>5.1%</b>	<b>5.2%</b>	<b>-0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	60	<b>18.1%</b>	<b>36.7%</b>	NW	26	<b>14.0%</b>	<b>51.9%</b>
White	221	<b>81.9%</b>	<b>63.3%</b>	White	87	<b>86.0%</b>	<b>48.1%</b>
Chi-square, X-tab <sup>6</sup> : .004* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .350* sig.				Odds ratio Exp(B) <sup>7</sup> : .094* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>45.8%</b>	<b>16.7%</b>	<b>33.3%</b>	<b>4.2%</b>	NW	<b>0</b>	
Hispanic	<b>57.1%</b>	<b>7.1%</b>	<b>32.1%</b>	<b>3.6%</b>	White	<b>0</b>	
White	<b>76.5%</b>	<b>10.1%</b>	<b>9.3%</b>	<b>4.0%</b>			
Other	<b>70.6%</b>	<b>23.5%</b>	<b>5.9%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> : .001* sig.						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DRACUT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>282</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>41.6%</b>	Citations per 1000	
	Passing through:	<b>58.4%</b>	18 + residents:	<b>11.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 243)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.83</b>				N/A			
Gender %				Gender %			
Female <b>33.1%</b>				Female <b>N/A</b>			
Male <b>66.5%</b>				Male <b>N/A</b>			
Non-binary <b>0.4%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>12.0%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>N/A</b>			
Hispanic <b>20.6%</b>				Hispanic <b>N/A</b>			
White <b>61.3%</b>				White <b>N/A</b>			
Other <b>6.7%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.3%</b>	<b>4.5%</b>	<b>6.8%</b>	AA/Black	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
Hispanic	<b>20.6%</b>	<b>6.6%</b>	<b>14.0%</b>	Hispanic	<b>20.6%</b>	<b>15.2%</b>	<b>5.4%</b>
White	<b>61.3%</b>	<b>83.4%</b>	<b>-22.1%</b>	White	<b>61.3%</b>	<b>65.1%</b>	<b>-3.8%</b>
Other	<b>6.7%</b>	<b>6.1%</b>	<b>0.6%</b>	Other	<b>6.7%</b>	<b>5.2%</b>	<b>1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	82	<b>33.8%</b>	<b>48.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	129	<b>66.2%</b>	<b>51.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.037*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.602	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>47.1%</b>	<b>20.6%</b>	<b>23.5%</b>	<b>8.8%</b>	NW	<b>1</b>
Hispanic	<b>71.2%</b>	<b>17.3%</b>	<b>5.8%</b>	<b>5.8%</b>	White	<b>2</b>
White	<b>64.7%</b>	<b>19.4%</b>	<b>9.4%</b>	<b>6.5%</b>		
Other	<b>61.1%</b>	<b>38.9%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.067	not sig.		Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DUDLEY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>401</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.0%</b>	Citations per 1000	
	Passing through:	<b>73.0%</b>	18 + residents:	<b>43</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 366)				ITP Stops <sup>3</sup> (N = 145)			
Mean age				Mean age			
<b>32.32</b>				<b>32.42</b>			
Gender %				Gender %			
Female <b>39.2%</b>				Female <b>32.4%</b>			
Male <b>60.3%</b>				Male <b>66.9%</b>			
Non-binary <b>0.5%</b>				Non-binary <b>0.7%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			
AA/Black <b>4.2%</b>				AA/Black <b>4.2%</b>			
Hispanic <b>16.6%</b>				Hispanic <b>23.2%</b>			
White <b>78.7%</b>				White <b>71.8%</b>			
Other <b>0.6%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.2%</b>	<b>2.0%</b>	<b>2.2%</b>	AA/Black	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
Hispanic	<b>16.6%</b>	<b>3.6%</b>	<b>13.0%</b>	Hispanic	<b>16.6%</b>	<b>15.2%</b>	<b>1.4%</b>
White	<b>78.7%</b>	<b>88.4%</b>	<b>-9.7%</b>	White	<b>78.7%</b>	<b>65.1%</b>	<b>13.6%</b>
Other	<b>0.6%</b>	<b>6.2%</b>	<b>-5.6%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	72	<b>17.0%</b>	<b>36.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	272	<b>83.0%</b>	<b>63.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.246*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>38.9%</b>	<b>16.7%</b>	<b>44.4%</b>	<b>0.0%</b>	NW	<b>0</b>	
Hispanic	<b>25.4%</b>	<b>20.6%</b>	<b>46.0%</b>	<b>7.9%</b>	White	<b>1</b>	
White	<b>52.9%</b>	<b>20.2%</b>	<b>23.4%</b>	<b>3.5%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> :		.002*	sig.			Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DUNSTABLE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>462</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>5.1%</b>	Citations per 1000	
	Passing through:	<b>94.9%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 451)				ITP Stops <sup>3</sup> (N = 209)			
Mean age				Mean age			
<b>34.01</b>				<b>34.47</b>			
Gender %				Gender %			
Female <b>27.5%</b>				Female <b>25.5%</b>			
Male <b>72.5%</b>				Male <b>74.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>3.4%</b>				AA/Black <b>1.9%</b>			
Hispanic <b>16.6%</b>				Hispanic <b>18.8%</b>			
White <b>71.4%</b>				White <b>70.7%</b>			
Other <b>8.7%</b>				Other <b>8.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.4%</b>	<b>14.5%</b> <b>-11.1%</b>
Hispanic	<b>16.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.6%</b>	<b>15.2%</b> <b>1.4%</b>
White	<b>71.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>71.4%</b>	<b>65.1%</b> <b>6.3%</b>
Other	<b>8.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>8.7%</b>	<b>5.2%</b> <b>3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	124	<b>27.4%</b>	<b>34.3%</b>	NW	57	<b>25.7%</b>	<b>42.6%</b>
White	304	<b>72.6%</b>	<b>65.7%</b>	White	134	<b>74.3%</b>	<b>57.4%</b>
Chi-square, X-tab <sup>6</sup> :		.179	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.028*	<i>sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.674	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.338*	<i>sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.5%</b>	<b>6.3%</b>	<b>56.3%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>22.7%</b>	<b>16.0%</b>	<b>57.3%</b>	<b>4.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>42.1%</b>	<b>32.3%</b>	<b>25.3%</b>	<b>0.3%</b>			
Other	<b>30.8%</b>	<b>51.3%</b>	<b>17.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
DUXBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>669</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.5%</b>	Citations per 1000	
	Passing through:	<b>76.5%</b>	18 + residents:	<b>56.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 621)				ITP Stops <sup>3</sup> (N = 223)			
Mean age				Mean age			
<b>37.27</b>				<b>35.6</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>36.5%</b>			
Male <b>64.6%</b>				Male <b>63.5%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>4.5%</b>				AA/Black <b>4.6%</b>			
Hispanic <b>3.3%</b>				Hispanic <b>4.1%</b>			
White <b>91.7%</b>				White <b>90.9%</b>			
Other <b>0.5%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.5%</b>	<b>0.8%</b>	<b>3.7%</b>	AA/Black	<b>4.5%</b>	<b>14.5%</b>	<b>-10.0%</b>
Hispanic	<b>3.3%</b>	<b>0.9%</b>	<b>2.4%</b>	Hispanic	<b>3.3%</b>	<b>15.2%</b>	<b>-11.9%</b>
White	<b>91.7%</b>	<b>95.5%</b>	<b>-3.8%</b>	White	<b>91.7%</b>	<b>65.1%</b>	<b>26.6%</b>
Other	<b>0.5%</b>	<b>2.9%</b>	<b>-2.4%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	45	<b>8.1%</b>	<b>7.7%</b>	NW	18	<b>8.5%</b>	<b>10.8%</b>
White	519	<b>91.9%</b>	<b>92.3%</b>	White	176	<b>91.5%</b>	<b>89.2%</b>
Chi-square, X-tab <sup>6</sup> : .876 not sig.				Chi-square, X-tab <sup>6</sup> : .611 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.112 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.075 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>51.7%</b>	<b>17.2%</b>	<b>27.6%</b>	<b>3.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>36.4%</b>	<b>9.1%</b>	<b>54.5%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>67.0%</b>	<b>16.1%</b>	<b>14.1%</b>	<b>2.8%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EAST BRIDGEWATER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,493</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.9%</b>	Citations per 1000	
	Passing through:	<b>83.1%</b>	18 + residents:	<b>230.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,470)				ITP Stops <sup>3</sup> (N = 655)			
Mean age				Mean age			
<b>36.66</b>				<b>36.89</b>			
Gender %				Gender %			
Female <b>35.6%</b>				Female <b>35.4%</b>			
Male <b>64.4%</b>				Male <b>64.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>19.4%</b>				AA/Black <b>17.1%</b>			
Hispanic <b>5.3%</b>				Hispanic <b>5.3%</b>			
White <b>74.2%</b>				White <b>77.0%</b>			
Other <b>1.1%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.4%</b>	<b>3.9%</b>	<b>15.5%</b>	AA/Black	<b>19.4%</b>	<b>14.5%</b>	<b>4.9%</b>
Hispanic	<b>5.3%</b>	<b>2.1%</b>	<b>3.2%</b>	Hispanic	<b>5.3%</b>	<b>15.2%</b>	<b>-9.9%</b>
White	<b>74.2%</b>	<b>88.0%</b>	<b>-13.8%</b>	White	<b>74.2%</b>	<b>65.1%</b>	<b>9.1%</b>
Other	<b>1.1%</b>	<b>4.4%</b>	<b>-3.3%</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	593	<b>24.7%</b>	<b>29.7%</b>	NW	131	<b>21.1%</b>	<b>26.3%</b>
White	1,714	<b>75.3%</b>	<b>70.3%</b>	White	456	<b>78.9%</b>	<b>73.7%</b>
Chi-square, X-tab <sup>6</sup> :		.028*	sig.	Chi-square, X-tab <sup>6</sup> :		.204	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.849	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.814	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>9.9%</b>	<b>26.8%</b>	<b>3.2%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>50.4%</b>	<b>11.8%</b>	<b>33.1%</b>	<b>4.7%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>75.8%</b>	<b>11.3%</b>	<b>11.1%</b>	<b>1.7%</b>			
Other	<b>53.8%</b>	<b>19.2%</b>	<b>26.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EAST BROOKFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>849</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.6%</b>	Citations per 1000	
	Passing through:	<b>93.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 838)				ITP Stops <sup>3</sup> (N = 373)			
Mean age				Mean age			
<b>38.92</b>				<b>37.68</b>			
Gender %				Gender %			
Female <b>44.4%</b>				Female <b>46.2%</b>			
Male <b>55.5%</b>				Male <b>53.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>4.8%</b>			
AA/Black <b>3.1%</b>				AA/Black <b>3.4%</b>			
Hispanic <b>3.8%</b>				Hispanic <b>5.1%</b>			
White <b>90.3%</b>				White <b>89.9%</b>			
Other <b>2.7%</b>				Other <b>1.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>3.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.1%</b>	<b>14.5%</b> <b>-11.4%</b>
Hispanic	<b>3.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.8%</b>	<b>15.2%</b> <b>-11.4%</b>
White	<b>90.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>90.3%</b>	<b>65.1%</b> <b>25.2%</b>
Other	<b>2.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.7%</b>	<b>5.2%</b> <b>-2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	75	<b>8.4%</b>	<b>15.1%</b>	NW	33	<b>9.7%</b>	<b>13.4%</b>
White	691	<b>91.6%</b>	<b>84.9%</b>	White	282	<b>90.3%</b>	<b>86.6%</b>
Chi-square, X-tab <sup>6</sup> :		.011*	sig.	Chi-square, X-tab <sup>6</sup> :		.373	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.548*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.133	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>76.0%</b>	<b>16.0%</b>	<b>8.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>81.3%</b>	<b>3.1%</b>	<b>3.1%</b>	<b>12.5%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>86.3%</b>	<b>9.3%</b>	<b>2.8%</b>	<b>1.5%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EAST LONGMEADOW POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>298</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.8%</b>	Citations per 1000	
	Passing through:	<b>86.2%</b>	18 + residents:	<b>23.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 247)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 4.9%				Race % Mis/Unk <sup>4</sup> 12.0%			
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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.103	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.611	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	22.2%	7.4%	59.3%	11.1%	NW	2	
Hispanic	18.2%	18.2%	63.6%	0.0%	White	5	
White	47.7%	11.0%	37.2%	4.1%			
Other	100.0%	0.0%	0.0%	0.0%			
Chi-square, X-tab <sup>6</sup> :		.004*	sig.				
					Counts	Percent	

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EASTHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>926</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.1%</b>	Citations per 1000	
	Passing through:	<b>89.9%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 859)				ITP Stops <sup>3</sup> (N = 309)			
Mean age				Mean age			
<b>40.27</b>				<b>38.41</b>			
Gender %				Gender %			
Female <b>34.0%</b>				Female <b>31.6%</b>			
Male <b>66.0%</b>				Male <b>68.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>7.3%</b>				AA/Black <b>9.5%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>7.8%</b>			
White <b>82.3%</b>				White <b>80.1%</b>			
Other <b>3.8%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.3%</b>	<b>14.5%</b>	<b>-7.2%</b>
Hispanic	<b>6.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>6.7%</b>	<b>15.2%</b>	<b>-8.5%</b>
White	<b>82.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>82.3%</b>	<b>65.1%</b>	<b>17.2%</b>
Other	<b>3.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.8%</b>	<b>5.2%</b>	<b>-1.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	140	<b>16.9%</b>	<b>17.0%</b>	NW	50	<b>19.6%</b>	<b>10.5%</b>
White	686	<b>83.1%</b>	<b>83.0%</b>	White	231	<b>80.4%</b>	<b>89.5%</b>
Chi-square, X-tab <sup>6</sup> :		.980	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.108	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.980	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.912	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>84.8%</b>	<b>7.6%</b>	<b>3.0%</b>	<b>4.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>63.3%</b>	<b>13.3%</b>	<b>23.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>88.0%</b>	<b>5.7%</b>	<b>5.0%</b>	<b>1.3%</b>			
Other	<b>84.8%</b>	<b>9.1%</b>	<b>6.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EASTHAMPTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>872</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.1%</b>	Citations per 1000	
	Passing through:	<b>59.9%</b>	18 + residents:	<b>65</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 820)				ITP Stops <sup>3</sup> (N = 274)			
Mean age				Mean age			
<b>37.8</b>				<b>36.21</b>			
Gender %				Gender %			
Female <b>45.5%</b>				Female <b>38.7%</b>			
Male <b>54.2%</b>				Male <b>60.9%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.3%</b>			
AA/Black <b>4.6%</b>				AA/Black <b>4.2%</b>			
Hispanic <b>11.9%</b>				Hispanic <b>14.0%</b>			
White <b>81.2%</b>				White <b>80.4%</b>			
Other <b>2.3%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.6%</b>	<b>1.9%</b>	<b>2.7%</b>	AA/Black	<b>4.6%</b>	<b>14.5%</b>	<b>-9.9%</b>
Hispanic	<b>11.9%</b>	<b>4.5%</b>	<b>7.4%</b>	Hispanic	<b>11.9%</b>	<b>15.2%</b>	<b>-3.3%</b>
White	<b>81.2%</b>	<b>89.2%</b>	<b>-8.0%</b>	White	<b>81.2%</b>	<b>65.1%</b>	<b>16.1%</b>
Other	<b>2.3%</b>	<b>5.0%</b>	<b>-2.7%</b>	Other	<b>2.3%</b>	<b>5.2%</b>	<b>-2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	143	<b>15.7%</b>	<b>28.0%</b>	NW	45	<b>17.5%</b>	<b>22.4%</b>
White	625	<b>84.3%</b>	<b>72.0%</b>	White	193	<b>82.5%</b>	<b>77.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .391 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .442* sig.				Odds ratio Exp(B) <sup>7</sup> : .593 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.1%</b>	<b>21.6%</b>	<b>24.3%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>38.6%</b>	<b>30.7%</b>	<b>26.7%</b>	<b>4.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>64.2%</b>	<b>23.3%</b>	<b>10.4%</b>	<b>2.2%</b>			
Other	<b>63.2%</b>	<b>26.3%</b>	<b>10.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EASTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,277</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>0.1%</b>	Citations per 1000	
	Passing through:	<b>99.9%</b>	18 + residents:	<b>64.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,060)				ITP Stops <sup>3</sup> (N = 338)			
Mean age				Mean age			
<b>38.63</b>				<b>37.28</b>			
Gender %				Gender %			
Female <b>37.4%</b>				Female <b>29.6%</b>			
Male <b>62.6%</b>				Male <b>70.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>25.2%</b>				AA/Black <b>22.3%</b>			
Hispanic <b>2.1%</b>				Hispanic <b>1.8%</b>			
White <b>70.7%</b>				White <b>74.4%</b>			
Other <b>2.0%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>25.2%</b>	<b>4.2%</b>	<b>21.0%</b>	AA/Black	<b>25.2%</b>	<b>14.5%</b>	<b>10.7%</b>
Hispanic	<b>2.1%</b>	<b>3.0%</b>	<b>-0.9%</b>	Hispanic	<b>2.1%</b>	<b>15.2%</b>	<b>-13.1%</b>
White	<b>70.7%</b>	<b>88.1%</b>	<b>-17.4%</b>	White	<b>70.7%</b>	<b>65.1%</b>	<b>5.6%</b>
Other	<b>2.0%</b>	<b>3.8%</b>	<b>-1.8%</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	284	<b>26.5%</b>	<b>37.2%</b>	NW	78	<b>26.5%</b>	<b>25.7%</b>
White	680	<b>73.5%</b>	<b>62.8%</b>	White	220	<b>73.5%</b>	<b>74.3%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .885 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .612* sig.				Odds ratio Exp(B) <sup>7</sup> : .907 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>42.5%</b>	<b>27.8%</b>	<b>25.2%</b>	<b>4.6%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>17.2%</b>	<b>24.1%</b>	<b>55.2%</b>	<b>3.4%</b>	White	<b>9</b>	<b>N/A</b>
White	<b>56.4%</b>	<b>27.9%</b>	<b>12.6%</b>	<b>3.1%</b>			
Other	<b>60.9%</b>	<b>26.1%</b>	<b>4.3%</b>	<b>8.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EDGARTOWN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>153</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>45.0%</b>	Citations per 1000	
	Passing through:	<b>55.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 100)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.83</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>20.2%</b>				Female <b>N/A</b>			
Male <b>79.8%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>7.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>6.5%</b>				AA/Black <b>N/A</b>			
Hispanic <b>0.0%</b>				Hispanic <b>N/A</b>			
White <b>92.5%</b>				White <b>N/A</b>			
Other <b>1.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.5%</b>	<b>14.5%</b>	<b>-8.0%</b>
Hispanic	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.0%</b>	<b>15.2%</b>	<b>-15.2%</b>
White	<b>92.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>92.5%</b>	<b>65.1%</b>	<b>27.4%</b>
Other	<b>1.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>0.0%</b>	<b>36.4%</b>	<b>27.3%</b>	<b>36.4%</b>	NW	<b>0</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>3</b>
White	<b>15.0%</b>	<b>26.3%</b>	<b>42.1%</b>	<b>16.5%</b>		
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.281	not sig.		Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EGREMONT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>148</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>14.5%</b>	Citations per 1000	
	Passing through:	<b>85.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 138)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.54</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>39.9%</b>				Female <b>N/A</b>			
Male <b>60.1%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.5%</b>				AA/Black <b>N/A</b>			
Hispanic <b>0.8%</b>				Hispanic <b>N/A</b>			
White <b>93.9%</b>				White <b>N/A</b>			
Other <b>0.8%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>4.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.5%</b>	<b>14.5%</b> <b>-10.0%</b>
Hispanic	<b>0.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.8%</b>	<b>15.2%</b> <b>-14.4%</b>
White	<b>93.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>93.9%</b>	<b>65.1%</b> <b>28.8%</b>
Other	<b>0.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.8%</b>	<b>5.2%</b> <b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>12.5%</b>	<b>12.5%</b>	<b>62.5%</b>	<b>12.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>30.5%</b>	<b>38.9%</b>	<b>18.3%</b>	<b>12.2%</b>			
Other	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.061	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ERVING POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>279</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.0%</b>	Citations per 1000	
	Passing through:	<b>94.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 268)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.72</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>34.8%</b>				Female <b>N/A</b>			
Male <b>64.8%</b>				Male <b>N/A</b>			
Non-binary <b>0.4%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>12.0%</b>			
AA/Black <b>5.6%</b>				AA/Black <b>N/A</b>			
Hispanic <b>4.5%</b>				Hispanic <b>N/A</b>			
White <b>87.3%</b>				White <b>N/A</b>			
Other <b>2.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.6%</b>	<b>14.5%</b>	<b>-8.9%</b>
Hispanic	<b>4.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.5%</b>	<b>15.2%</b>	<b>-10.7%</b>
White	<b>87.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>87.3%</b>	<b>65.1%</b>	<b>22.2%</b>
Other	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.6%</b>	<b>5.2%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	32	<b>9.9%</b>	<b>16.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	225	<b>90.1%</b>	<b>83.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.114	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.546	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>20.0%</b>	<b>20.0%</b>	<b>40.0%</b>	<b>20.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>15.4%</b>	<b>15.4%</b>	<b>30.8%</b>	<b>38.5%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>52.9%</b>	<b>25.8%</b>	<b>17.2%</b>	<b>4.1%</b>			
Other	<b>42.9%</b>	<b>28.6%</b>	<b>14.3%</b>	<b>14.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ESSEX POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,037</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.3%</b>	Citations per 1000	
	Passing through:	<b>79.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,019)				ITP Stops <sup>3</sup> (N = 439)			
Mean age				Mean age			
<b>42.35</b>				<b>41.38</b>			
Gender %				Gender %			
Female <b>37.3%</b>				Female <b>29.6%</b>			
Male <b>62.5%</b>				Male <b>70.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>2.3%</b>				AA/Black <b>1.8%</b>			
Hispanic <b>7.3%</b>				Hispanic <b>8.7%</b>			
White <b>89.2%</b>				White <b>88.5%</b>			
Other <b>1.2%</b>				Other <b>0.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.3%</b>	<b>14.5%</b>	<b>-12.2%</b>
Hispanic	<b>7.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.3%</b>	<b>15.2%</b>	<b>-7.9%</b>
White	<b>89.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.2%</b>	<b>65.1%</b>	<b>24.1%</b>
Other	<b>1.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.2%</b>	<b>5.2%</b>	<b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	107	<b>10.1%</b>	<b>15.5%</b>	NW	48	<b>11.7%</b>	<b>14.7%</b>
White	855	<b>89.9%</b>	<b>84.5%</b>	White	342	<b>88.3%</b>	<b>85.3%</b>
Chi-square, X-tab <sup>6</sup> :		.034*	sig.	Chi-square, X-tab <sup>6</sup> :		.489	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.607*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.691	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.6%</b>	<b>13.0%</b>	<b>13.0%</b>	<b>4.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>36.0%</b>	<b>20.0%</b>	<b>40.0%</b>	<b>4.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>71.7%</b>	<b>19.2%</b>	<b>6.5%</b>	<b>2.6%</b>			
Other	<b>66.7%</b>	<b>25.0%</b>	<b>8.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
EVERETT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,425</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.2%</b>	Citations per 1000	
	Passing through:	<b>63.8%</b>	18 + residents:	<b>39.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,263)				ITP Stops <sup>3</sup> (N = 160)			
Mean age				Mean age			
<b>36.79</b>				<b>34.44</b>			
Gender %				Gender %			
Female <b>33.1%</b>				Female <b>30.1%</b>			
Male <b>66.7%</b>				Male <b>69.9%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>18.1%</b>				Race % Mis/Unk <sup>4</sup> <b>18.1%</b>			
AA/Black <b>18.6%</b>				AA/Black <b>13.7%</b>			
Hispanic <b>31.1%</b>				Hispanic <b>35.1%</b>			
White <b>42.3%</b>				White <b>44.3%</b>			
Other <b>7.9%</b>				Other <b>6.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>18.6%</b>	<b>18.0%</b>	<b>0.6%</b>	AA/Black	<b>14.5%</b>	<b>4.1%</b>
Hispanic	<b>31.1%</b>	<b>28.3%</b>	<b>2.8%</b>	Hispanic	<b>15.2%</b>	<b>15.9%</b>
White	<b>42.3%</b>	<b>43.6%</b>	<b>-1.3%</b>	White	<b>65.1%</b>	<b>-22.8%</b>
Other	<b>7.9%</b>	<b>14.0%</b>	<b>-6.1%</b>	Other	<b>5.2%</b>	<b>2.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	561	<b>57.4%</b>	<b>58.4%</b>	NW	61	<b>60.2%</b>	<b>34.4%</b>
White	413	<b>42.6%</b>	<b>41.6%</b>	White	54	<b>39.8%</b>	<b>65.6%</b>
Chi-square, X-tab <sup>6</sup> : .811 not sig.				Chi-square, X-tab <sup>6</sup> : .013* sig.			
Odds ratio Exp(B) <sup>7</sup> : .986 not sig.				Odds ratio Exp(B) <sup>7</sup> : 2.637 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>32.7%</b>	<b>38.9%</b>	<b>24.2%</b>	<b>4.3%</b>	NW	<b>27</b>	<b>N/A</b>
Hispanic	<b>30.8%</b>	<b>32.1%</b>	<b>28.7%</b>	<b>8.4%</b>	White	<b>25</b>	<b>N/A</b>
White	<b>40.1%</b>	<b>32.7%</b>	<b>21.6%</b>	<b>5.6%</b>			
Other	<b>58.3%</b>	<b>36.9%</b>	<b>4.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FAIRHAVEN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>750</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.7%</b>	Citations per 1000	
	Passing through:	<b>78.3%</b>	18 + residents:	<b>57</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 678)				ITP Stops <sup>3</sup> (N = 219)			
Mean age				Mean age			
<b>37.65</b>				<b>36.19</b>			
Gender %				Gender %			
Female <b>39.5%</b>				Female <b>38.1%</b>			
Male <b>60.5%</b>				Male <b>61.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>3.2%</b>			
AA/Black <b>9.0%</b>				AA/Black <b>10.4%</b>			
Hispanic <b>9.2%</b>				Hispanic <b>8.5%</b>			
White <b>81.3%</b>				White <b>80.7%</b>			
Other <b>0.5%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>0.7%</b>	<b>8.3%</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>9.2%</b>	<b>2.0%</b>	<b>7.2%</b>	Hispanic	<b>9.2%</b>	<b>15.2%</b>	<b>-6.0%</b>
White	<b>81.3%</b>	<b>90.6%</b>	<b>-9.3%</b>	White	<b>81.3%</b>	<b>65.1%</b>	<b>16.2%</b>
Other	<b>0.5%</b>	<b>4.7%</b>	<b>-4.2%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	114	<b>18.0%</b>	<b>18.0%</b>	NW	32	<b>19.0%</b>	<b>15.3%</b>
White	519	<b>82.0%</b>	<b>82.0%</b>	White	153	<b>81.0%</b>	<b>84.7%</b>
Chi-square, X-tab <sup>6</sup> :		.986	not sig.	Chi-square, X-tab <sup>6</sup> :		.507	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.156	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.648	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.3%</b>	<b>17.2%</b>	<b>21.9%</b>	<b>4.7%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>31.8%</b>	<b>16.7%</b>	<b>40.9%</b>	<b>10.6%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>64.5%</b>	<b>12.5%</b>	<b>18.2%</b>	<b>4.8%</b>			
Other	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FALL RIVER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,817</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>67.5%</b>	Citations per 1000	
	Passing through:	<b>32.5%</b>	18 + residents:	<b>39.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,534)				ITP Stops <sup>3</sup> (N = 504)			
Mean age				Mean age			
<b>37.76</b>				<b>36.34</b>			
Gender %				Gender %			
Female <b>40.1%</b>				Female <b>36.1%</b>			
Male <b>59.9%</b>				Male <b>63.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>14.0%</b>				Race % Mis/Unk <sup>4</sup> <b>13.9%</b>			
AA/Black <b>13.7%</b>				AA/Black <b>11.3%</b>			
Hispanic <b>5.7%</b>				Hispanic <b>8.3%</b>			
White <b>79.2%</b>				White <b>79.0%</b>			
Other <b>1.4%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.7%</b>	<b>5.9%</b>	<b>7.8%</b>	AA/Black	<b>13.7%</b>	<b>14.5%</b>	<b>-0.8%</b>
Hispanic	<b>5.7%</b>	<b>10.5%</b>	<b>-4.8%</b>	Hispanic	<b>5.7%</b>	<b>15.2%</b>	<b>-9.5%</b>
White	<b>79.2%</b>	<b>77.2%</b>	<b>2.0%</b>	White	<b>79.2%</b>	<b>65.1%</b>	<b>14.1%</b>
Other	<b>1.4%</b>	<b>6.4%</b>	<b>-5.0%</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	237	<b>20.2%</b>	<b>23.1%</b>	NW	83	<b>21.0%</b>	<b>20.6%</b>
White	902	<b>79.8%</b>	<b>76.9%</b>	White	315	<b>79.0%</b>	<b>79.4%</b>
Chi-square, X-tab <sup>6</sup> :		.321	not sig.	Chi-square, X-tab <sup>6</sup> :		.917	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.794	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.602	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.1%</b>	<b>16.7%</b>	<b>26.9%</b>	<b>1.3%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>44.9%</b>	<b>23.7%</b>	<b>29.7%</b>	<b>1.7%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>61.8%</b>	<b>18.4%</b>	<b>18.4%</b>	<b>1.4%</b>			
Other	<b>57.1%</b>	<b>33.3%</b>	<b>9.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FALMOUTH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,392</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.5%</b>	Citations per 1000	
	Passing through:	<b>87.5%</b>	18 + residents:	<b>52.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,163)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.4%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .283 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .589* sig.				Odds ratio Exp(B) <sup>7</sup> : .920 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FITCHBURG POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,244</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>54.6%</b>	Citations per 1000	
	Passing through:	<b>45.4%</b>	18 + residents:	<b>71.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,541)				ITP Stops <sup>3</sup> (N = 621)			
Mean age				Mean age			
<b>36.45</b>				<b>36.68</b>			
Gender %				Gender %			
Female <b>39.6%</b>				Female <b>37.7%</b>			
Male <b>60.4%</b>				Male <b>62.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>10.8%</b>			
Hispanic <b>24.0%</b>				Hispanic <b>26.4%</b>			
White <b>63.2%</b>				White <b>61.0%</b>			
Other <b>1.5%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.3%</b>	<b>5.0%</b>	<b>6.3%</b>	AA/Black	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
Hispanic	<b>24.0%</b>	<b>28.8%</b>	<b>-4.8%</b>	Hispanic	<b>24.0%</b>	<b>15.2%</b>	<b>8.8%</b>
White	<b>63.2%</b>	<b>62.3%</b>	<b>0.9%</b>	White	<b>63.2%</b>	<b>65.1%</b>	<b>-1.9%</b>
Other	<b>1.5%</b>	<b>7.5%</b>	<b>-6.0%</b>	Other	<b>1.5%</b>	<b>5.2%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	503	<b>34.6%</b>	<b>39.9%</b>	NW	213	<b>45.6%</b>	<b>36.5%</b>
White	843	<b>65.4%</b>	<b>60.1%</b>	White	317	<b>54.4%</b>	<b>63.5%</b>
Chi-square, X-tab <sup>6</sup> : .045* sig.				Chi-square, X-tab <sup>6</sup> : .036* sig.			
Odds ratio Exp(B) <sup>7</sup> : .749* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.373 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.2%</b>	<b>3.2%</b>	<b>13.5%</b>	<b>3.2%</b>	NW	<b>10</b>	<b>N/A</b>
Hispanic	<b>84.1%</b>	<b>1.6%</b>	<b>11.6%</b>	<b>2.8%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>86.4%</b>	<b>3.1%</b>	<b>9.2%</b>	<b>1.3%</b>			
Other	<b>90.0%</b>	<b>0.0%</b>	<b>6.7%</b>	<b>3.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .051 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FOXBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,754</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.7%</b>	Citations per 1000	
	Passing through:	<b>77.3%</b>	18 + residents:	<b>191.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,645)				ITP Stops <sup>3</sup> (N = 886)			
Mean age				Mean age			
<b>38.5</b>				<b>38.16</b>			
Gender %				Gender %			
Female <b>32.3%</b>				Female <b>32.2%</b>			
Male <b>67.7%</b>				Male <b>67.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>8.6%</b>				AA/Black <b>8.4%</b>			
Hispanic <b>7.4%</b>				Hispanic <b>8.9%</b>			
White <b>80.5%</b>				White <b>79.5%</b>			
Other <b>3.5%</b>				Other <b>3.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.6%</b>	<b>6.0%</b>	<b>2.6%</b>	AA/Black	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
Hispanic	<b>7.4%</b>	<b>5.3%</b>	<b>2.1%</b>	Hispanic	<b>7.4%</b>	<b>15.2%</b>	<b>-7.8%</b>
White	<b>80.5%</b>	<b>83.8%</b>	<b>-3.3%</b>	White	<b>80.5%</b>	<b>65.1%</b>	<b>15.4%</b>
Other	<b>3.5%</b>	<b>6.9%</b>	<b>-3.4%</b>	Other	<b>3.5%</b>	<b>5.2%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	500	<b>18.0%</b>	<b>23.8%</b>	NW	171	<b>21.6%</b>	<b>21.3%</b>
White	2,020	<b>82.0%</b>	<b>76.2%</b>	White	626	<b>78.4%</b>	<b>78.7%</b>
Chi-square, X-tab <sup>6</sup> :		.001*	sig.	Chi-square, X-tab <sup>6</sup> :		.918	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.635*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.776	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>77.3%</b>	<b>3.7%</b>	<b>15.3%</b>	<b>3.7%</b>	NW	<b>0</b>
Hispanic	<b>58.5%</b>	<b>7.8%</b>	<b>26.8%</b>	<b>6.8%</b>	White	<b>1</b>
White	<b>83.5%</b>	<b>7.0%</b>	<b>7.0%</b>	<b>2.4%</b>		
Other	<b>86.0%</b>	<b>10.8%</b>	<b>2.2%</b>	<b>1.1%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*		sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FRAMINGHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>4,983</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>47.6%</b>	Citations per 1000	
	Passing through:	<b>52.4%</b>	18 + residents:	<b>83.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,493)				ITP Stops <sup>3</sup> (N = 377)			
Mean age				Mean age			
<b>41.38</b>				<b>39.17</b>			
Gender %				Gender %			
Female		<b>41.5%</b>		Female		<b>37.5%</b>	
Male		<b>58.4%</b>		Male		<b>62.5%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup> <b>6.3%</b>		Race %		Mis/Unk <sup>4</sup> <b>10.9%</b>	
AA/Black		<b>9.7%</b>		AA/Black		<b>11.9%</b>	
Hispanic		<b>9.3%</b>		Hispanic		<b>9.5%</b>	
White		<b>76.0%</b>		White		<b>75.6%</b>	
Other		<b>4.9%</b>		Other		<b>3.0%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>9.7%</b>	<b>7.3%</b>	<b>2.4%</b>	AA/Black	<b>9.7%</b>	<b>14.5%</b> <b>-4.8%</b>
Hispanic	<b>9.3%</b>	<b>16.1%</b>	<b>-6.8%</b>	Hispanic	<b>9.3%</b>	<b>15.2%</b> <b>-5.9%</b>
White	<b>76.0%</b>	<b>63.0%</b>	<b>13.0%</b>	White	<b>76.0%</b>	<b>65.1%</b> <b>10.9%</b>
Other	<b>4.9%</b>	<b>11.1%</b>	<b>-6.2%</b>	Other	<b>4.9%</b>	<b>5.2%</b> <b>-0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	976	<b>23.8%</b>	<b>24.7%</b>	NW	72	<b>24.7%</b>	<b>23.1%</b>
White	3,101	<b>76.2%</b>	<b>75.3%</b>	White	229	<b>75.3%</b>	<b>76.9%</b>
Chi-square, X-tab <sup>6</sup> :		.658	not sig.	Chi-square, X-tab <sup>6</sup> :		.744	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.960	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.898	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.9%</b>	<b>9.4%</b>	<b>10.1%</b>	<b>1.6%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>54.5%</b>	<b>17.5%</b>	<b>26.7%</b>	<b>1.3%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>70.5%</b>	<b>13.3%</b>	<b>14.9%</b>	<b>1.3%</b>			
Other	<b>79.6%</b>	<b>16.7%</b>	<b>1.8%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000* sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT FRANKLIN POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>345</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>45.9%</b>	Citations per 1000	
	Passing through:	<b>54.1%</b>	18 + residents:	<b>13.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 294)				ITP Stops <sup>3</sup> (N = 127)			
Mean age				Mean age			
<b>35.56</b>				<b>36.69</b>			
Gender %				Gender %			
Female <b>32.3%</b>				Female <b>32.5%</b>			
Male <b>67.7%</b>				Male <b>67.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>7.1%</b>				<b>8.7%</b>	
AA/Black		<b>5.9%</b>		AA/Black		<b>5.2%</b>	
Hispanic		<b>7.0%</b>		Hispanic		<b>6.0%</b>	
White		<b>85.3%</b>		White		<b>87.1%</b>	
Other		<b>1.8%</b>		Other		<b>1.7%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.9%</b>	<b>0.9%</b>	<b>5.0%</b>	AA/Black	<b>5.9%</b>	<b>14.5%</b>	<b>-8.6%</b>
Hispanic	<b>7.0%</b>	<b>1.6%</b>	<b>5.4%</b>	Hispanic	<b>7.0%</b>	<b>15.2%</b>	<b>-8.2%</b>
White	<b>85.3%</b>	<b>89.2%</b>	<b>-3.9%</b>	White	<b>85.3%</b>	<b>65.1%</b>	<b>20.2%</b>
Other	<b>1.8%</b>	<b>8.3%</b>	<b>-6.5%</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	<b>13.7%</b>	<b>17.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	216	<b>86.3%</b>	<b>82.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.462	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.829	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>19.0%</b>	<b>28.6%</b>	<b>42.9%</b>	<b>9.5%</b>	NW	<b>1</b>
Hispanic	<b>22.2%</b>	<b>33.3%</b>	<b>22.2%</b>	<b>22.2%</b>	White	<b>2</b>
White	<b>42.7%</b>	<b>29.6%</b>	<b>17.2%</b>	<b>10.5%</b>		
Other	<b>66.7%</b>	<b>16.7%</b>	<b>0.0%</b>	<b>16.7%</b>		
Chi-square, X-tab <sup>6</sup> :		.040* sig.				
					Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
FREETOWN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>383</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.6%</b>	Citations per 1000	
	Passing through:	<b>80.4%</b>	18 + residents:	<b>51.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 341)				ITP Stops <sup>3</sup> (N = 98)			
Mean age				Mean age			
<b>35.17</b>				<b>34.94</b>			
Gender %				Gender %			
Female <b>33.0%</b>				Female <b>30.9%</b>			
Male <b>67.0%</b>				Male <b>69.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>15.9%</b>				AA/Black <b>11.2%</b>			
Hispanic <b>4.2%</b>				Hispanic <b>6.1%</b>			
White <b>79.3%</b>				White <b>81.6%</b>			
Other <b>0.6%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.9%</b>	<b>0.5%</b>	<b>15.4%</b>	AA/Black	<b>15.9%</b>	<b>14.5%</b>	<b>1.4%</b>
Hispanic	<b>4.2%</b>	<b>3.0%</b>	<b>1.2%</b>	Hispanic	<b>4.2%</b>	<b>15.2%</b>	<b>-11.0%</b>
White	<b>79.3%</b>	<b>93.1%</b>	<b>-13.8%</b>	White	<b>79.3%</b>	<b>65.1%</b>	<b>14.2%</b>
Other	<b>0.6%</b>	<b>3.8%</b>	<b>-3.2%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	66	<b>16.0%</b>	<b>32.4%</b>	NW	17	<b>10.2%</b>	<b>34.4%</b>
White	242	<b>84.0%</b>	<b>67.6%</b>	White	74	<b>89.8%</b>	<b>65.6%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .005* sig.			
Odds ratio Exp(B) <sup>7</sup> : .385* sig.				Odds ratio Exp(B) <sup>7</sup> : .155* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>23.2%</b>	<b>16.1%</b>	<b>57.1%</b>	<b>3.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>7.1%</b>	<b>7.1%</b>	<b>78.6%</b>	<b>7.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>38.9%</b>	<b>22.1%</b>	<b>36.6%</b>	<b>2.3%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .010* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GARDNER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>553</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.1%</b>	Citations per 1000	
	Passing through:	<b>59.9%</b>	18 + residents:	<b>33.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 494)				ITP Stops <sup>3</sup> (N = 129)			
Mean age				Mean age			
<b>39.4</b>				<b>37.39</b>			
Gender %				Gender %			
Female <b>40.5%</b>				Female <b>28.7%</b>			
Male <b>59.3%</b>				Male <b>71.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>5.4%</b>			
AA/Black <b>4.2%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>10.4%</b>				Hispanic <b>11.5%</b>			
White <b>84.4%</b>				White <b>82.0%</b>			
Other <b>1.1%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.2%</b>	<b>2.8%</b>	<b>1.4%</b>	AA/Black	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
Hispanic	<b>10.4%</b>	<b>9.3%</b>	<b>1.1%</b>	Hispanic	<b>10.4%</b>	<b>15.2%</b>	<b>-4.8%</b>
White	<b>84.4%</b>	<b>81.2%</b>	<b>3.2%</b>	White	<b>84.4%</b>	<b>65.1%</b>	<b>19.3%</b>
Other	<b>1.1%</b>	<b>7.5%</b>	<b>-6.4%</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	71	<b>13.8%</b>	<b>20.7%</b>	NW	21	<b>18.2%</b>	<b>18.4%</b>
White	385	<b>86.2%</b>	<b>79.3%</b>	White	94	<b>81.8%</b>	<b>81.6%</b>
Chi-square, X-tab <sup>6</sup> : .078 not sig.				Chi-square, X-tab <sup>6</sup> : .975 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .639 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.029 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>47.8%</b>	<b>8.7%</b>	<b>43.5%</b>	<b>0.0%</b>	NW	<b>0</b>	
Hispanic	<b>35.2%</b>	<b>18.5%</b>	<b>37.0%</b>	<b>9.3%</b>	White	<b>1</b>	
White	<b>56.2%</b>	<b>16.6%</b>	<b>20.4%</b>	<b>6.9%</b>			
Other	<b>50.0%</b>	<b>33.3%</b>	<b>16.7%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> : .026* sig.						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GEORGETOWN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,033</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.5%</b>	Citations per 1000	
	Passing through:	<b>82.5%</b>	18 + residents:	<b>152</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,015)				ITP Stops <sup>3</sup> (N = 314)			
Mean age				Mean age			
<b>38.28</b>				<b>38.03</b>			
Gender %				Gender %			
Female <b>41.7%</b>				Female <b>37.6%</b>			
Male <b>58.2%</b>				Male <b>62.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>6.0%</b>				AA/Black <b>3.8%</b>			
Hispanic <b>12.3%</b>				Hispanic <b>12.7%</b>			
White <b>78.4%</b>				White <b>81.2%</b>			
Other <b>3.3%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.0%</b>	<b>0.8%</b>	<b>5.2%</b>	AA/Black	<b>6.0%</b>	<b>14.5%</b>	<b>-8.5%</b>
Hispanic	<b>12.3%</b>	<b>3.5%</b>	<b>8.8%</b>	Hispanic	<b>12.3%</b>	<b>15.2%</b>	<b>-2.9%</b>
White	<b>78.4%</b>	<b>93.2%</b>	<b>-14.8%</b>	White	<b>78.4%</b>	<b>65.1%</b>	<b>13.3%</b>
Other	<b>3.3%</b>	<b>2.8%</b>	<b>0.5%</b>	Other	<b>3.3%</b>	<b>5.2%</b>	<b>-1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	209	<b>10.8%</b>	<b>33.6%</b>	NW	50	<b>11.2%</b>	<b>29.9%</b>
White	771	<b>89.2%</b>	<b>66.4%</b>	White	235	<b>88.8%</b>	<b>70.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .215* sig.				Odds ratio Exp(B) <sup>7</sup> : .278* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.4%</b>	<b>4.8%</b>	<b>15.9%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>65.9%</b>	<b>11.9%</b>	<b>19.0%</b>	<b>3.2%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>80.4%</b>	<b>12.5%</b>	<b>5.5%</b>	<b>1.6%</b>			
Other	<b>84.8%</b>	<b>9.1%</b>	<b>6.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GLOUCESTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>489</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>62.8%</b>	Citations per 1000	
	Passing through:	<b>37.2%</b>	18 + residents:	<b>19.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 401)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 9.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .244 not sig.				Chi-square, X-tab <sup>6</sup> : .485 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .931 not sig.				Odds ratio Exp(B) <sup>7</sup> : .899 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GRAFTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,463</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.5%</b>	Citations per 1000	
	Passing through:	<b>84.5%</b>	18 + residents:	<b>102.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,372)				ITP Stops <sup>3</sup> (N = 541)			
Mean age				Mean age			
<b>39.64</b>				<b>39.62</b>			
Gender %				Gender %			
Female <b>41.5%</b>				Female <b>38.0%</b>			
Male <b>58.3%</b>				Male <b>61.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>			
AA/Black <b>3.7%</b>				AA/Black <b>3.2%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>6.6%</b>			
White <b>83.8%</b>				White <b>86.0%</b>			
Other <b>5.1%</b>				Other <b>4.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.7%</b>	<b>3.1%</b>	<b>0.6%</b>	AA/Black	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
Hispanic	<b>7.5%</b>	<b>6.3%</b>	<b>1.2%</b>	Hispanic	<b>7.5%</b>	<b>15.2%</b>	<b>-7.7%</b>
White	<b>83.8%</b>	<b>78.9%</b>	<b>4.9%</b>	White	<b>83.8%</b>	<b>65.1%</b>	<b>18.7%</b>
Other	<b>5.1%</b>	<b>11.7%</b>	<b>-6.6%</b>	Other	<b>5.1%</b>	<b>5.2%</b>	<b>-0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	206	<b>13.2%</b>	<b>25.6%</b>	NW	62	<b>12.6%</b>	<b>15.7%</b>
White	1,061	<b>86.8%</b>	<b>74.4%</b>	White	393	<b>87.4%</b>	<b>84.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .362 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .449* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.053 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.4%</b>	<b>3.6%</b>	<b>16.1%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>61.6%</b>	<b>5.4%</b>	<b>26.8%</b>	<b>6.3%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>87.8%</b>	<b>5.8%</b>	<b>4.5%</b>	<b>1.9%</b>			
Other	<b>84.7%</b>	<b>11.1%</b>	<b>4.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GRANBY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>913</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.2%</b>	Citations per 1000	
	Passing through:	<b>91.8%</b>	18 + residents:	<b>174.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 891)				ITP Stops <sup>3</sup> (N = 338)			
Mean age				Mean age			
<b>36.2</b>				<b>36.93</b>			
Gender %				Gender %			
Female <b>38.4%</b>				Female <b>38.1%</b>			
Male <b>61.5%</b>				Male <b>61.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>9.7%</b>				AA/Black <b>8.5%</b>			
Hispanic <b>9.4%</b>				Hispanic <b>9.8%</b>			
White <b>78.0%</b>				White <b>79.0%</b>			
Other <b>2.9%</b>				Other <b>2.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.7%</b>	<b>1.0%</b>	<b>8.7%</b>	AA/Black	<b>9.7%</b>	<b>14.5%</b>	<b>-4.8%</b>
Hispanic	<b>9.4%</b>	<b>3.9%</b>	<b>5.5%</b>	Hispanic	<b>9.4%</b>	<b>15.2%</b>	<b>-5.8%</b>
White	<b>78.0%</b>	<b>92.2%</b>	<b>-14.2%</b>	White	<b>78.0%</b>	<b>65.1%</b>	<b>12.9%</b>
Other	<b>2.9%</b>	<b>2.1%</b>	<b>0.8%</b>	Other	<b>2.9%</b>	<b>5.2%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	181	<b>17.7%</b>	<b>29.8%</b>	NW	62	<b>16.5%</b>	<b>27.9%</b>
White	645	<b>82.3%</b>	<b>70.2%</b>	White	242	<b>83.5%</b>	<b>72.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .019* sig.			
Odds ratio Exp(B) <sup>7</sup> : .555* sig.				Odds ratio Exp(B) <sup>7</sup> : .473 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>83.9%</b>	<b>9.2%</b>	<b>6.9%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>85.0%</b>	<b>6.3%</b>	<b>8.8%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>83.7%</b>	<b>10.4%</b>	<b>5.1%</b>	<b>0.7%</b>			
Other	<b>92.0%</b>	<b>0.0%</b>	<b>8.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .579 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT GRANVILLE POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>589</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist:		<b>18.9%</b>	Citations per 1000			
	Passing through:		<b>81.1%</b>	18 + residents:		<b>N/A</b>	
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 587)</b>				<b>ITP Stops<sup>3</sup> (N = 354)</b>			
Mean age				Mean age			
<b>40.42</b>				<b>40.25</b>			
Gender %				Gender %			
Female		<b>31.1%</b>		Female		<b>26.1%</b>	
Male		<b>68.9%</b>		Male		<b>73.9%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>2.6%</b>				<b>2.5%</b>	
AA/Black		<b>1.6%</b>		AA/Black		<b>0.6%</b>	
Hispanic		<b>2.6%</b>		Hispanic		<b>3.5%</b>	
White		<b>94.8%</b>		White		<b>95.4%</b>	
Other		<b>1.0%</b>		Other		<b>0.6%</b>	
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes <sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk) <sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
Stops vs. U.S. Census Demographics				Stops vs. State Average <sup>5</sup>			
Motorist Race		City Dem	% Dif	Motorist Race		State Avg	% Dif
AA/Black	<b>1.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>1.6%</b>	<b>14.5%</b>	<b>-12.9%</b>
Hispanic	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>2.6%</b>	<b>15.2%</b>	<b>-12.6%</b>
White	<b>94.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>94.8%</b>	<b>65.1%</b>	<b>29.7%</b>
Other	<b>1.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2022 stops by all MA departments							
<b>VoD Analyses</b>							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	27	<b>5.5%</b>	<b>3.6%</b>	NW	13	<b>4.0%</b>	<b>4.0%</b>
White	523	<b>94.5%</b>	<b>96.4%</b>	White	310	<b>96.0%</b>	<b>96.0%</b>
Chi-square, X-tab <sup>6</sup> :		.356	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.986	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		1.167	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.261	<i>not sig.</i>
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and <u>not</u> due to chance alone <sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>22.2%</b>	<b>33.3%</b>	<b>44.4%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>46.7%</b>	<b>20.0%</b>	<b>33.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>51.5%</b>	<b>40.4%</b>	<b>8.1%</b>	<b>0.0%</b>			
Other	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000* <i>sig.</i>					
<sup>8</sup> 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 <sup>1</sup> : <b>113</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.9%</b>	Citations per 1000	
	Passing through:	<b>62.1%</b>	18 + residents:	<b>19.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 95)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 9.5%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .055 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .385 not sig.				Odds ratio Exp(B) <sup>7</sup> : .899 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .200 not sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GREENFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,081</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>48.9%</b>	Citations per 1000	
	Passing through:	<b>51.1%</b>	18 + residents:	<b>227.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 933)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.3%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : .249 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .521* sig.				Odds ratio Exp(B) <sup>7</sup> : .487 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .008* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GROTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,977</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.6%</b>	Citations per 1000	
	Passing through:	<b>78.4%</b>	18 + residents:	<b>227.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,933)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.007*	sig.	Chi-square, X-tab <sup>6</sup> :		.578	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.648*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.779	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
GROVELAND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>382</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.5%</b>	Citations per 1000	
	Passing through:	<b>88.5%</b>	18 + residents:	<b>70</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 373)				ITP Stops <sup>3</sup> (N = 122)			
Mean age				Mean age			
<b>37.15</b>				<b>36.25</b>			
Gender %				Gender %			
Female <b>34.0%</b>				Female <b>29.1%</b>			
Male <b>66.0%</b>				Male <b>70.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.7%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>3.7%</b>				AA/Black <b>1.7%</b>			
Hispanic <b>15.2%</b>				Hispanic <b>16.8%</b>			
White <b>79.0%</b>				White <b>77.3%</b>			
Other <b>2.0%</b>				Other <b>4.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.7%</b>	<b>0.0%</b>	<b>3.7%</b>	AA/Black	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
Hispanic	<b>15.2%</b>	<b>3.2%</b>	<b>12.0%</b>	Hispanic	<b>15.2%</b>	<b>15.2%</b>	<b>0.0%</b>
White	<b>79.0%</b>	<b>95.9%</b>	<b>-16.9%</b>	White	<b>79.0%</b>	<b>65.1%</b>	<b>13.9%</b>
Other	<b>2.0%</b>	<b>1.3%</b>	<b>0.7%</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	73	<b>18.3%</b>	<b>33.3%</b>	NW	27	<b>22.2%</b>	<b>28.0%</b>
White	269	<b>81.7%</b>	<b>66.7%</b>	White	88	<b>77.8%</b>	<b>72.0%</b>
Chi-square, X-tab <sup>6</sup> :		.007*	sig.	Chi-square, X-tab <sup>6</sup> :		.547	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.394*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.741	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.5%</b>	<b>15.4%</b>	<b>23.1%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>39.6%</b>	<b>13.2%</b>	<b>41.5%</b>	<b>5.7%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>63.8%</b>	<b>19.5%</b>	<b>14.5%</b>	<b>2.1%</b>			
Other	<b>57.1%</b>	<b>28.6%</b>	<b>14.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.002*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HADLEY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>920</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.5%</b>	Citations per 1000	
	Passing through:	<b>93.5%</b>	18 + residents:	<b>205.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 882)				ITP Stops <sup>3</sup> (N = 235)			
Mean age				Mean age			
<b>32.78</b>				<b>33.54</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>37.2%</b>			
Male <b>63.7%</b>				Male <b>62.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>12.9%</b>				AA/Black <b>12.0%</b>			
Hispanic <b>9.6%</b>				Hispanic <b>9.4%</b>			
White <b>71.2%</b>				White <b>72.5%</b>			
Other <b>6.3%</b>				Other <b>6.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.9%</b>	<b>7.9%</b>	<b>5.0%</b>	AA/Black	<b>12.9%</b>	<b>14.5%</b>	<b>-1.6%</b>
Hispanic	<b>9.6%</b>	<b>2.3%</b>	<b>7.3%</b>	Hispanic	<b>9.6%</b>	<b>15.2%</b>	<b>-5.6%</b>
White	<b>71.2%</b>	<b>84.6%</b>	<b>-13.4%</b>	White	<b>71.2%</b>	<b>65.1%</b>	<b>6.1%</b>
Other	<b>6.3%</b>	<b>5.7%</b>	<b>0.6%</b>	Other	<b>6.3%</b>	<b>5.2%</b>	<b>1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	236	<b>23.7%</b>	<b>32.9%</b>	NW	54	<b>28.2%</b>	<b>22.8%</b>
White	587	<b>76.3%</b>	<b>67.1%</b>	White	155	<b>71.8%</b>	<b>77.2%</b>
Chi-square, X-tab <sup>6</sup> :		.004*	sig.	Chi-square, X-tab <sup>6</sup> :		.378	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.668*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.376	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>55.4%</b>	<b>11.6%</b>	<b>27.3%</b>	<b>5.8%</b>	NW	<b>6</b>	
Hispanic	<b>46.1%</b>	<b>10.1%</b>	<b>24.7%</b>	<b>19.1%</b>	White	<b>10</b>	
White	<b>72.8%</b>	<b>10.6%</b>	<b>10.9%</b>	<b>5.6%</b>			
Other	<b>61.8%</b>	<b>20.0%</b>	<b>12.7%</b>	<b>5.5%</b>			
Chi-square, X-tab <sup>6</sup> :		.000*		sig.		Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HALIFAX POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>404</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.3%</b>	Citations per 1000	
	Passing through:	<b>93.7%</b>	18 + residents:	<b>65.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 394)				ITP Stops <sup>3</sup> (N = 115)			
Mean age				Mean age			
<b>37.68</b>				<b>35.79</b>			
Gender %				Gender %			
Female <b>24.6%</b>				Female <b>29.4%</b>			
Male <b>75.4%</b>				Male <b>70.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>69.8%</b>				Race % Mis/Unk <sup>4</sup> <b>67.8%</b>			
AA/Black <b>0.8%</b>				AA/Black <b>24.3%</b>			
Hispanic <b>16.8%</b>				Hispanic <b>0.0%</b>			
White <b>81.5%</b>				White <b>75.7%</b>			
Other <b>0.8%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>0.8%</b>	<b>0.0%</b>	<b>0.8%</b>	AA/Black	<b>0.8%</b>	<b>14.5%</b>	<b>-13.7%</b>
Hispanic	<b>16.8%</b>	<b>2.5%</b>	<b>14.3%</b>	Hispanic	<b>16.8%</b>	<b>15.2%</b>	<b>1.6%</b>
White	<b>81.5%</b>	<b>93.0%</b>	<b>-11.5%</b>	White	<b>81.5%</b>	<b>65.1%</b>	<b>16.4%</b>
Other	<b>0.8%</b>	<b>5.8%</b>	<b>-5.0%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>20.0%</b>	<b>55.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>37.9%</b>	<b>46.6%</b>	<b>12.6%</b>	<b>2.9%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.242	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HAMILTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>512</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>0.8%</b>	Citations per 1000	
	Passing through:	<b>99.2%</b>	18 + residents:	<b>85.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 496)				ITP Stops <sup>3</sup> (N = 243)			
Mean age				Mean age			
<b>40.29</b>				<b>39.8</b>			
Gender %				Gender %			
Female <b>37.3%</b>				Female <b>33.2%</b>			
Male <b>62.5%</b>				Male <b>66.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>1.2%</b>				AA/Black <b>0.4%</b>			
Hispanic <b>4.7%</b>				Hispanic <b>3.3%</b>			
White <b>91.6%</b>				White <b>93.3%</b>			
Other <b>2.4%</b>				Other <b>2.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.2%</b>	<b>0.3%</b>	<b>0.9%</b>	AA/Black	<b>1.2%</b>	<b>14.5%</b>	<b>-13.3%</b>
Hispanic	<b>4.7%</b>	<b>1.5%</b>	<b>3.2%</b>	Hispanic	<b>4.7%</b>	<b>15.2%</b>	<b>-10.5%</b>
White	<b>91.6%</b>	<b>91.0%</b>	<b>0.6%</b>	White	<b>91.6%</b>	<b>65.1%</b>	<b>26.5%</b>
Other	<b>2.4%</b>	<b>7.3%</b>	<b>-4.9%</b>	Other	<b>2.4%</b>	<b>5.2%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	39	<b>7.2%</b>	<b>14.8%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	440	<b>92.8%</b>	<b>85.2%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .043* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .356* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>62.5%</b>	<b>12.5%</b>	<b>12.5%</b>	<b>12.5%</b>	NW	<b>0</b>
Hispanic	<b>56.0%</b>	<b>4.0%</b>	<b>40.0%</b>	<b>0.0%</b>	White	<b>0</b>
White	<b>83.9%</b>	<b>6.8%</b>	<b>9.2%</b>	<b>0.2%</b>		
Other	<b>69.3%</b>	<b>7.7%</b>	<b>23.1%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> : .000* sig.						
					Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HAMPDEN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>256</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.2%</b>	Citations per 1000	
	Passing through:	<b>75.8%</b>	18 + residents:	<b>59.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 240)				ITP Stops <sup>3</sup> (N = 111)			
Mean age				Mean age			
<b>35.12</b>				<b>35.86</b>			
Gender %				Gender %			
Female <b>37.6%</b>				Female <b>38.2%</b>			
Male <b>62.4%</b>				Male <b>61.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.4%</b>				Race % Mis/Unk <sup>4</sup> <b>6.3%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>3.8%</b>			
Hispanic <b>4.8%</b>				Hispanic <b>7.7%</b>			
White <b>91.2%</b>				White <b>88.5%</b>			
Other <b>0.0%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>0.2%</b>	<b>3.8%</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>4.8%</b>	<b>3.7%</b>	<b>1.1%</b>	Hispanic	<b>4.8%</b>	<b>15.2%</b>	<b>-10.4%</b>
White	<b>91.2%</b>	<b>93.9%</b>	<b>-2.7%</b>	White	<b>91.2%</b>	<b>65.1%</b>	<b>26.1%</b>
Other	<b>0.0%</b>	<b>5.5%</b>	<b>-5.5%</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>55.6%</b>	<b>33.3%</b>	<b>11.1%</b>	<b>0.0%</b>	NW	<b>1</b>
Hispanic	<b>61.5%</b>	<b>7.7%</b>	<b>30.8%</b>	<b>0.0%</b>	White	<b>2</b>
White	<b>68.8%</b>	<b>15.4%</b>	<b>15.8%</b>	<b>0.0%</b>		
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> : .347 not sig.					Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HANOVER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,321</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.6%</b>	Citations per 1000	
	Passing through:	<b>81.4%</b>	18 + residents:	<b>122.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,165)				ITP Stops <sup>3</sup> (N = 439)			
Mean age				Mean age			
<b>39.09</b>				<b>38.81</b>			
Gender %				Gender %			
Female <b>39.3%</b>				Female <b>37.2%</b>			
Male <b>60.6%</b>				Male <b>62.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.5%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>2.7%</b>			
AA/Black <b>7.1%</b>				AA/Black <b>5.9%</b>			
Hispanic <b>3.1%</b>				Hispanic <b>3.5%</b>			
White <b>88.8%</b>				White <b>89.9%</b>			
Other <b>1.0%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.1%</b>	<b>1.0%</b>	<b>6.1%</b>	AA/Black	<b>7.1%</b>	<b>14.5%</b>	<b>-7.4%</b>
Hispanic	<b>3.1%</b>	<b>0.6%</b>	<b>2.5%</b>	Hispanic	<b>3.1%</b>	<b>15.2%</b>	<b>-12.1%</b>
White	<b>88.8%</b>	<b>96.5%</b>	<b>-7.7%</b>	White	<b>88.8%</b>	<b>65.1%</b>	<b>23.7%</b>
Other	<b>1.0%</b>	<b>1.2%</b>	<b>-0.2%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	117	<b>10.6%</b>	<b>14.6%</b>	NW	38	<b>12.6%</b>	<b>8.8%</b>
White	896	<b>89.4%</b>	<b>85.4%</b>	White	299	<b>87.4%</b>	<b>91.2%</b>
Chi-square, X-tab <sup>6</sup> : .082 not sig.				Chi-square, X-tab <sup>6</sup> : .299 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .836 not sig.				Odds ratio Exp(B) <sup>7</sup> : 5.374* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.2%</b>	<b>27.0%</b>	<b>14.6%</b>	<b>2.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>30.2%</b>	<b>18.9%</b>	<b>49.1%</b>	<b>1.9%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>67.1%</b>	<b>22.3%</b>	<b>7.6%</b>	<b>3.0%</b>			
Other	<b>58.3%</b>	<b>25.0%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HANSON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,052</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.3%</b>	Citations per 1000	
	Passing through:	<b>80.7%</b>	18 + residents:	<b>119.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,029)				ITP Stops <sup>3</sup> (N = 496)			
Mean age				Mean age			
<b>37.26</b>				<b>36.7</b>			
Gender %				Gender %			
Female <b>36.9%</b>				Female <b>34.9%</b>			
Male <b>62.9%</b>				Male <b>65.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>9.9%</b>				AA/Black <b>11.0%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>5.6%</b>			
White <b>84.5%</b>				White <b>82.8%</b>			
Other <b>0.6%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.9%</b>	<b>0.3%</b>	<b>9.6%</b>	AA/Black	<b>9.9%</b>	<b>14.5%</b>	<b>-4.6%</b>
Hispanic	<b>5.0%</b>	<b>0.9%</b>	<b>4.1%</b>	Hispanic	<b>5.0%</b>	<b>15.2%</b>	<b>-10.2%</b>
White	<b>84.5%</b>	<b>93.3%</b>	<b>-8.8%</b>	White	<b>84.5%</b>	<b>65.1%</b>	<b>19.4%</b>
Other	<b>0.6%</b>	<b>4.8%</b>	<b>-4.2%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	151	<b>13.5%</b>	<b>22.2%</b>	NW	79	<b>18.0%</b>	<b>17.5%</b>
White	808	<b>86.5%</b>	<b>77.8%</b>	White	364	<b>82.0%</b>	<b>82.5%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .911 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .466* sig.				Odds ratio Exp(B) <sup>7</sup> : .997 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.7%</b>	<b>10.1%</b>	<b>21.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>6.0%</b>	<b>34.0%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>79.1%</b>	<b>10.1%</b>	<b>8.8%</b>	<b>2.0%</b>			
Other	<b>42.9%</b>	<b>0.0%</b>	<b>57.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HARDWICK POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>262</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.2%</b>	Citations per 1000	
	Passing through:	<b>75.8%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 252)				ITP Stops <sup>3</sup> (N = 135)			
Mean age				Mean age			
<b>38.19</b>				<b>36.75</b>			
Gender %				Gender %			
Female <b>31.0%</b>				Female <b>29.6%</b>			
Male <b>69.0%</b>				Male <b>70.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>3.0%</b>			
Hispanic <b>5.6%</b>				Hispanic <b>6.7%</b>			
White <b>89.3%</b>				White <b>89.6%</b>			
Other <b>1.2%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>5.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.6%</b>	<b>15.2%</b>	<b>-9.6%</b>
White	<b>89.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.3%</b>	<b>65.1%</b>	<b>24.2%</b>
Other	<b>1.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.2%</b>	<b>5.2%</b>	<b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	<b>10.2%</b>	<b>12.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	211	<b>89.8%</b>	<b>87.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.673	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.629	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>0.0%</b>	<b>40.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>13.3%</b>	<b>53.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>76.1%</b>	<b>11.5%</b>	<b>7.3%</b>	<b>5.1%</b>			
Other	<b>66.7%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HARVARD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>405</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.1%</b>	Citations per 1000	
	Passing through:	<b>76.9%</b>	18 + residents:	<b>77.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 385)				ITP Stops <sup>3</sup> (N = 122)			
Mean age				Mean age			
<b>45.15</b>				<b>44.12</b>			
Gender %				Gender %			
Female		<b>38.1%</b>		Female		<b>41.0%</b>	
Male		<b>61.9%</b>		Male		<b>59.0%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>3.3%</b>			
AA/Black		<b>3.7%</b>		AA/Black		<b>2.5%</b>	
Hispanic		<b>5.6%</b>		Hispanic		<b>6.8%</b>	
White		<b>85.4%</b>		White		<b>87.3%</b>	
Other		<b>5.3%</b>		Other		<b>3.4%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.7%</b>	<b>8.1%</b>	<b>-4.4%</b>	AA/Black	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
Hispanic	<b>5.6%</b>	<b>9.7%</b>	<b>-4.1%</b>	Hispanic	<b>5.6%</b>	<b>15.2%</b>	<b>-9.6%</b>
White	<b>85.4%</b>	<b>77.5%</b>	<b>7.9%</b>	White	<b>85.4%</b>	<b>65.1%</b>	<b>20.3%</b>
Other	<b>5.3%</b>	<b>9.2%</b>	<b>-3.9%</b>	Other	<b>5.3%</b>	<b>5.2%</b>	<b>0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	50	<b>16.2%</b>	<b>9.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	292	<b>83.8%</b>	<b>90.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.140	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.579	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.1%</b>	<b>35.7%</b>	<b>7.1%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>56.5%</b>	<b>17.4%</b>	<b>26.1%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>76.0%</b>	<b>20.2%</b>	<b>3.6%</b>	<b>0.3%</b>			
Other	<b>72.7%</b>	<b>18.2%</b>	<b>9.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.003*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HARWICH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>401</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.8%</b>	Citations per 1000	
	Passing through:	<b>73.2%</b>	18 + residents:	<b>38.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 362)				ITP Stops <sup>3</sup> (N = 154)			
Mean age				Mean age			
<b>37.13</b>				<b>35.78</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>34.0%</b>			
Male <b>63.9%</b>				Male <b>66.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>13.4%</b>				AA/Black <b>11.8%</b>			
Hispanic <b>3.6%</b>				Hispanic <b>3.9%</b>			
White <b>80.7%</b>				White <b>81.6%</b>			
Other <b>2.2%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.4%</b>	<b>3.2%</b>	<b>10.2%</b>	AA/Black	<b>13.4%</b>	<b>14.5%</b>	<b>-1.1%</b>
Hispanic	<b>3.6%</b>	<b>2.2%</b>	<b>1.4%</b>	Hispanic	<b>3.6%</b>	<b>15.2%</b>	<b>-11.6%</b>
White	<b>80.7%</b>	<b>91.8%</b>	<b>-11.1%</b>	White	<b>80.7%</b>	<b>65.1%</b>	<b>15.6%</b>
Other	<b>2.2%</b>	<b>2.0%</b>	<b>0.2%</b>	Other	<b>2.2%</b>	<b>5.2%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	69	<b>15.4%</b>	<b>28.6%</b>	NW	28	<b>18.0%</b>	<b>20.8%</b>
White	277	<b>84.6%</b>	<b>71.4%</b>	White	120	<b>82.0%</b>	<b>79.2%</b>
Chi-square, X-tab <sup>6</sup> : .004* sig.				Chi-square, X-tab <sup>6</sup> : .680 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .431* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.209 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>41.5%</b>	<b>11.3%</b>	<b>34.0%</b>	<b>13.2%</b>	NW	<b>1</b>
Hispanic	<b>28.6%</b>	<b>21.4%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>3</b>
White	<b>64.4%</b>	<b>15.3%</b>	<b>13.4%</b>	<b>6.9%</b>		
Other	<b>75.0%</b>	<b>0.0%</b>	<b>12.5%</b>	<b>12.5%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HAVERHILL POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>6,148</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>53.6%</b>	Citations per 1000	
	Passing through:	<b>46.4%</b>	18 + residents:	<b>124.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,832)				ITP Stops <sup>3</sup> (N = 2,514)			
Mean age				Mean age			
<b>37.73</b>				<b>37.31</b>			
Gender %				Gender %			
Female <b>43.0%</b>				Female <b>41.0%</b>			
Male <b>57.0%</b>				Male <b>59.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>5.6%</b>				AA/Black <b>4.9%</b>			
Hispanic <b>15.2%</b>				Hispanic <b>17.0%</b>			
White <b>77.9%</b>				White <b>76.8%</b>			
Other <b>1.2%</b>				Other <b>1.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>3.6%</b>	<b>2.0%</b>	AA/Black	<b>5.6%</b>	<b>14.5%</b>	<b>-8.9%</b>
Hispanic	<b>15.2%</b>	<b>23.2%</b>	<b>-8.0%</b>	Hispanic	<b>15.2%</b>	<b>15.2%</b>	<b>0.0%</b>
White	<b>77.9%</b>	<b>69.7%</b>	<b>8.2%</b>	White	<b>77.9%</b>	<b>65.1%</b>	<b>12.8%</b>
Other	<b>1.2%</b>	<b>6.2%</b>	<b>-5.0%</b>	Other	<b>1.2%</b>	<b>5.2%</b>	<b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,189	<b>19.0%</b>	<b>30.4%</b>	NW	531	<b>20.9%</b>	<b>28.2%</b>
White	4,163	<b>81.0%</b>	<b>69.6%</b>	White	1,744	<b>79.1%</b>	<b>71.8%</b>
Chi-square, X-tab <sup>6</sup> :			.000* sig.	Chi-square, X-tab <sup>6</sup> :			.000* sig.
Odds ratio Exp(B) <sup>7</sup> :			.518* sig.	Odds ratio Exp(B) <sup>7</sup> :			.525* sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.6%</b>	<b>20.5%</b>	<b>18.7%</b>	<b>1.2%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>20.4%</b>	<b>17.5%</b>	<b>2.1%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>58.5%</b>	<b>31.7%</b>	<b>8.8%</b>	<b>1.1%</b>			
Other	<b>50.7%</b>	<b>39.4%</b>	<b>9.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :			.000* sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HINGHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,796</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.7%</b>	Citations per 1000	
	Passing through:	<b>73.3%</b>	18 + residents:	<b>208.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,659)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.5%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .064 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .512* sig.				Odds ratio Exp(B) <sup>7</sup> : .606 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HINSDALE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>205</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.0%</b>	Citations per 1000	
	Passing through:	<b>71.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 200)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.0%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .998 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HOLBROOK POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>752</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.0%</b>	Citations per 1000	
	Passing through:	<b>79.0%</b>	18 + residents:	<b>83.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 670)				ITP Stops <sup>3</sup> (N = 295)			
Mean age				Mean age			
<b>39.38</b>				<b>39.06</b>			
Gender %				Gender %			
Female <b>38.0%</b>				Female <b>37.2%</b>			
Male <b>62.0%</b>				Male <b>62.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>29.3%</b>				AA/Black <b>28.7%</b>			
Hispanic <b>13.7%</b>				Hispanic <b>12.6%</b>			
White <b>50.8%</b>				White <b>51.9%</b>			
Other <b>6.2%</b>				Other <b>6.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>29.3%</b>	<b>16.8%</b>	<b>12.5%</b>	AA/Black	<b>29.3%</b>	<b>14.5%</b>	<b>14.8%</b>
Hispanic	<b>13.7%</b>	<b>6.6%</b>	<b>7.1%</b>	Hispanic	<b>13.7%</b>	<b>15.2%</b>	<b>-1.5%</b>
White	<b>50.8%</b>	<b>72.1%</b>	<b>-21.3%</b>	White	<b>50.8%</b>	<b>65.1%</b>	<b>-14.3%</b>
Other	<b>6.2%</b>	<b>7.0%</b>	<b>-0.8%</b>	Other	<b>6.2%</b>	<b>5.2%</b>	<b>1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	312	<b>48.9%</b>	<b>48.7%</b>	NW	128	<b>47.3%</b>	<b>48.5%</b>
White	327	<b>51.1%</b>	<b>51.3%</b>	White	141	<b>52.7%</b>	<b>51.5%</b>
Chi-square, X-tab <sup>6</sup> :		.971	not sig.	Chi-square, X-tab <sup>6</sup> :		.857	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.172	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.945	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.9%</b>	<b>9.9%</b>	<b>23.3%</b>	<b>0.9%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>62.9%</b>	<b>6.7%</b>	<b>27.6%</b>	<b>2.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>78.5%</b>	<b>9.8%</b>	<b>10.4%</b>	<b>1.3%</b>			
Other	<b>90.7%</b>	<b>4.7%</b>	<b>2.3%</b>	<b>2.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HOLDEN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,068</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.7%</b>	Citations per 1000	
	Passing through:	<b>76.3%</b>	18 + residents:	<b>207.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,043)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.6%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .638 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .599* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.121 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HOLLAND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>104</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.3%</b>	Citations per 1000	
	Passing through:	<b>64.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 102)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>38.61</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>37.3%</b>				Female <b>N/A</b>			
Male <b>62.7%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.9%</b>				AA/Black <b>N/A</b>			
Hispanic <b>7.8%</b>				Hispanic <b>N/A</b>			
White <b>87.3%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>4.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.9%</b>	<b>14.5%</b> -9.6%
Hispanic	<b>7.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.8%</b>	<b>15.2%</b> -7.4%
White	<b>87.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>87.3%</b>	<b>65.1%</b> 22.2%
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>5.2%</b> -5.2%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.0%</b>	<b>40.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>12.5%</b>	<b>12.5%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>65.9%</b>	<b>18.7%</b>	<b>15.4%</b>	<b>0.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .727 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HOLLISTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,826</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.9%</b>	Citations per 1000	
	Passing through:	<b>78.1%</b>	18 + residents:	<b>164.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,782)				ITP Stops <sup>3</sup> (N = 1,004)			
Mean age				Mean age			
<b>39.25</b>				<b>39.77</b>			
Gender %				Gender %			
Female <b>34.4%</b>				Female <b>33.2%</b>			
Male <b>65.6%</b>				Male <b>66.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>5.5%</b>				AA/Black <b>5.3%</b>			
Hispanic <b>8.3%</b>				Hispanic <b>7.7%</b>			
White <b>83.9%</b>				White <b>84.5%</b>			
Other <b>2.4%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.5%</b>	<b>1.2%</b>	<b>4.3%</b>	AA/Black	<b>5.5%</b>	<b>14.5%</b>	<b>-9.0%</b>
Hispanic	<b>8.3%</b>	<b>3.9%</b>	<b>4.4%</b>	Hispanic	<b>8.3%</b>	<b>15.2%</b>	<b>-6.9%</b>
White	<b>83.9%</b>	<b>87.4%</b>	<b>-3.5%</b>	White	<b>83.9%</b>	<b>65.1%</b>	<b>18.8%</b>
Other	<b>2.4%</b>	<b>7.8%</b>	<b>-5.4%</b>	Other	<b>2.4%</b>	<b>5.2%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	254	<b>14.2%</b>	<b>18.5%</b>	NW	125	<b>14.0%</b>	<b>15.7%</b>
White	1,368	<b>85.8%</b>	<b>81.5%</b>	White	733	<b>86.0%</b>	<b>84.3%</b>
Chi-square, X-tab <sup>6</sup> :		.022*	sig.	Chi-square, X-tab <sup>6</sup> :		.485	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.770	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.925	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>76.8%</b>	<b>12.1%</b>	<b>7.1%</b>	<b>4.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>66.2%</b>	<b>6.1%</b>	<b>21.6%</b>	<b>6.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>80.5%</b>	<b>9.5%</b>	<b>7.7%</b>	<b>2.3%</b>			
Other	<b>85.4%</b>	<b>12.2%</b>	<b>2.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HOLYOKE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>579</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>42.1%</b>	Citations per 1000	
	Passing through:	<b>57.8%</b>	18 + residents:	<b>18.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 484)				ITP Stops <sup>3</sup> (N = 106)			
Mean age				Mean age			
<b>36.25</b>				<b>36.31</b>			
Gender %				Gender %			
Female <b>34.7%</b>				Female <b>37.1%</b>			
Male <b>65.3%</b>				Male <b>62.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>5.6%</b>				AA/Black <b>3.9%</b>			
Hispanic <b>13.2%</b>				Hispanic <b>26.2%</b>			
White <b>80.5%</b>				White <b>68.9%</b>			
Other <b>0.7%</b>				Other <b>1.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.6%</b>	<b>4.5%</b>	<b>1.1%</b>	AA/Black	<b>5.6%</b>	<b>14.5%</b>	<b>-8.9%</b>
Hispanic	<b>13.2%</b>	<b>53.9%</b>	<b>-40.7%</b>	Hispanic	<b>13.2%</b>	<b>15.2%</b>	<b>-2.0%</b>
White	<b>80.5%</b>	<b>41.3%</b>	<b>39.2%</b>	White	<b>80.5%</b>	<b>65.1%</b>	<b>15.4%</b>
Other	<b>0.7%</b>	<b>3.7%</b>	<b>-3.0%</b>	Other	<b>0.7%</b>	<b>5.2%</b>	<b>-4.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	69	<b>17.6%</b>	<b>26.6%</b>	NW	29	<b>17.9%</b>	<b>50.0%</b>
White	252	<b>82.4%</b>	<b>73.4%</b>	White	65	<b>82.1%</b>	<b>50.0%</b>
Chi-square, X-tab <sup>6</sup> : .051 not sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .555* sig.				Odds ratio Exp(B) <sup>7</sup> : .283* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>21.2%</b>	<b>6.1%</b>	<b>48.5%</b>	<b>24.2%</b>	NW	<b>3</b>
Hispanic	<b>36.4%</b>	<b>23.4%</b>	<b>16.9%</b>	<b>23.4%</b>	White	<b>7</b>
White	<b>32.8%</b>	<b>9.6%</b>	<b>33.9%</b>	<b>23.6%</b>		
Other	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HOPEDALE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>478</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.7%</b>	Citations per 1000	
	Passing through:	<b>87.3%</b>	18 + residents:	<b>106.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 463)				ITP Stops <sup>3</sup> (N = 174)			
Mean age				Mean age			
<b>35.94</b>				<b>35.5</b>			
Gender %				Gender %			
Female <b>33.4%</b>				Female <b>29.1%</b>			
Male <b>66.6%</b>				Male <b>70.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.4%</b>				Race % Mis/Unk <sup>4</sup> <b>5.2%</b>			
AA/Black <b>4.1%</b>				AA/Black <b>3.6%</b>			
Hispanic <b>25.6%</b>				Hispanic <b>31.5%</b>			
White <b>69.4%</b>				White <b>64.2%</b>			
Other <b>0.9%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.1%</b>	<b>0.3%</b>	<b>3.8%</b>	AA/Black	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>
Hispanic	<b>25.6%</b>	<b>1.0%</b>	<b>24.6%</b>	Hispanic	<b>25.6%</b>	<b>15.2%</b>	<b>10.4%</b>
White	<b>69.4%</b>	<b>96.1%</b>	<b>-26.7%</b>	White	<b>69.4%</b>	<b>65.1%</b>	<b>4.3%</b>
Other	<b>0.9%</b>	<b>2.7%</b>	<b>-1.8%</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	126	<b>28.9%</b>	<b>35.4%</b>	NW	51	<b>36.7%</b>	<b>31.4%</b>
White	288	<b>71.1%</b>	<b>64.6%</b>	White	93	<b>63.3%</b>	<b>68.6%</b>
Chi-square, X-tab <sup>6</sup> :		.226	not sig.	Chi-square, X-tab <sup>6</sup> :		.571	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.736	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.811	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>44.4%</b>	<b>5.6%</b>	<b>44.4%</b>	<b>5.6%</b>	NW	<b>0</b>	
Hispanic	<b>15.5%</b>	<b>11.2%</b>	<b>69.0%</b>	<b>4.3%</b>	White	<b>1</b>	
White	<b>65.0%</b>	<b>9.2%</b>	<b>22.9%</b>	<b>2.9%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> :		.000*	sig.			Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HOPKINTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>594</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.1%</b>	Citations per 1000	
	Passing through:	<b>68.9%</b>	18 + residents:	<b>43.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 547)				ITP Stops <sup>3</sup> (N = 232)			
Mean age				Mean age			
<b>37.04</b>				<b>38.44</b>			
Gender %				Gender %			
Female <b>32.0%</b>				Female <b>28.7%</b>			
Male <b>68.0%</b>				Male <b>71.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>5.4%</b>				AA/Black <b>4.3%</b>			
Hispanic <b>21.7%</b>				Hispanic <b>19.9%</b>			
White <b>62.2%</b>				White <b>67.1%</b>			
Other <b>10.8%</b>				Other <b>8.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.4%</b>	<b>1.9%</b>	<b>3.5%</b>	AA/Black	<b>5.4%</b>	<b>14.5%</b>	<b>-9.1%</b>
Hispanic	<b>21.7%</b>	<b>3.2%</b>	<b>18.5%</b>	Hispanic	<b>21.7%</b>	<b>15.2%</b>	<b>6.5%</b>
White	<b>62.2%</b>	<b>81.6%</b>	<b>-19.4%</b>	White	<b>62.2%</b>	<b>65.1%</b>	<b>-2.9%</b>
Other	<b>10.8%</b>	<b>13.3%</b>	<b>-2.5%</b>	Other	<b>10.8%</b>	<b>5.2%</b>	<b>5.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	194	<b>35.3%</b>	<b>41.2%</b>	NW	69	<b>33.1%</b>	<b>31.8%</b>
White	322	<b>64.7%</b>	<b>58.8%</b>	White	143	<b>66.9%</b>	<b>68.2%</b>
Chi-square, X-tab <sup>6</sup> : .169 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .842 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .844 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.156 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>56.7%</b>	<b>16.7%</b>	<b>23.3%</b>	<b>3.3%</b>	NW	<b>2</b>
Hispanic	<b>35.4%</b>	<b>6.9%</b>	<b>48.5%</b>	<b>9.2%</b>	White	<b>6</b>
White	<b>64.9%</b>	<b>17.7%</b>	<b>10.6%</b>	<b>6.8%</b>		
Other	<b>79.7%</b>	<b>16.9%</b>	<b>1.7%</b>	<b>1.7%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HUBBARDSTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>156</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.6%</b>	Citations per 1000	
	Passing through:	<b>82.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 148)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.78</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>32.4%</b>				Female <b>N/A</b>			
Male <b>67.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>3.4%</b>				AA/Black <b>N/A</b>			
Hispanic <b>7.6%</b>				Hispanic <b>N/A</b>			
White <b>84.8%</b>				White <b>N/A</b>			
Other <b>4.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>3.4%</b>	<b>14.5%</b>	<b>-11.1%</b>
Hispanic	<b>7.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.6%</b>	<b>15.2%</b>	<b>-7.6%</b>
White	<b>84.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>84.8%</b>	<b>65.1%</b>	<b>19.7%</b>
Other	<b>4.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.1%</b>	<b>5.2%</b>	<b>-1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	<b>12.6%</b>	<b>21.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	116	<b>87.4%</b>	<b>78.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .188 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .640 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .899 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>20.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>45.5%</b>	<b>18.2%</b>	<b>27.3%</b>	<b>9.1%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>51.1%</b>	<b>12.2%</b>	<b>29.0%</b>	<b>7.6%</b>			
Other	<b>83.3%</b>	<b>0.0%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .919 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HUDSON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,258</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.1%</b>	Citations per 1000	
	Passing through:	<b>64.9%</b>	18 + residents:	<b>141</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,173)				ITP Stops <sup>3</sup> (N = 811)			
Mean age				Mean age			
<b>38.72</b>				<b>38.26</b>			
Gender %				Gender %			
Female <b>41.6%</b>				Female <b>40.4%</b>			
Male <b>58.4%</b>				Male <b>59.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>4.3%</b>				AA/Black <b>3.5%</b>			
Hispanic <b>5.9%</b>				Hispanic <b>6.2%</b>			
White <b>88.4%</b>				White <b>88.2%</b>			
Other <b>1.4%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>1.2%</b>	<b>3.1%</b>	AA/Black	<b>4.3%</b>	<b>14.5%</b>	<b>-10.2%</b>
Hispanic	<b>5.9%</b>	<b>5.8%</b>	<b>0.1%</b>	Hispanic	<b>5.9%</b>	<b>15.2%</b>	<b>-9.3%</b>
White	<b>88.4%</b>	<b>89.2%</b>	<b>-0.8%</b>	White	<b>88.4%</b>	<b>65.1%</b>	<b>23.3%</b>
Other	<b>1.4%</b>	<b>3.5%</b>	<b>-2.1%</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	236	<b>9.9%</b>	<b>16.7%</b>	NW	82	<b>7.7%</b>	<b>17.5%</b>
White	1,813	<b>90.1%</b>	<b>83.3%</b>	White	624	<b>92.3%</b>	<b>82.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .596* sig.				Odds ratio Exp(B) <sup>7</sup> : .442* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.0%</b>	<b>7.3%</b>	<b>14.6%</b>	<b>3.1%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>54.9%</b>	<b>24.1%</b>	<b>15.0%</b>	<b>6.0%</b>	White	<b>60</b>	<b>N/A</b>
White	<b>81.8%</b>	<b>11.6%</b>	<b>5.8%</b>	<b>0.9%</b>			
Other	<b>76.7%</b>	<b>20.0%</b>	<b>3.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
HULL POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>924</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.0%</b>	Citations per 1000	
	Passing through:	<b>66.0%</b>	18 + residents:	<b>101.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 866)				ITP Stops <sup>3</sup> (N = 314)			
Mean age				Mean age			
<b>40.92</b>				<b>39.83</b>			
Gender %				Gender %			
Female		<b>37.7%</b>		Female		<b>33.5%</b>	
Male		<b>62.2%</b>		Male		<b>66.1%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.3%</b>	
Race %		Mis/Unk <sup>4</sup> <b>4.7%</b>		Race %		Mis/Unk <sup>4</sup> <b>4.1%</b>	
AA/Black		<b>7.2%</b>		AA/Black		<b>5.6%</b>	
Hispanic		<b>5.0%</b>		Hispanic		<b>6.6%</b>	
White		<b>85.2%</b>		White		<b>85.0%</b>	
Other		<b>2.7%</b>		Other		<b>2.7%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.2%</b>	<b>0.5%</b>	<b>6.7%</b>	AA/Black	<b>7.2%</b>	<b>14.5%</b>	<b>-7.3%</b>
Hispanic	<b>5.0%</b>	<b>1.7%</b>	<b>3.3%</b>	Hispanic	<b>5.0%</b>	<b>15.2%</b>	<b>-10.2%</b>
White	<b>85.2%</b>	<b>94.6%</b>	<b>-9.4%</b>	White	<b>85.2%</b>	<b>65.1%</b>	<b>20.1%</b>
Other	<b>2.7%</b>	<b>3.1%</b>	<b>-0.4%</b>	Other	<b>2.7%</b>	<b>5.2%</b>	<b>-2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	113	<b>9.3%</b>	<b>21.7%</b>	NW	40	<b>14.1%</b>	<b>19.1%</b>
White	633	<b>90.7%</b>	<b>78.3%</b>	White	212	<b>85.9%</b>	<b>80.9%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.300	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.369*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.841	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.3%</b>	<b>12.7%</b>	<b>12.7%</b>	<b>6.3%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>8.7%</b>	<b>30.4%</b>	<b>10.9%</b>	White	<b>14</b>	<b>N/A</b>
White	<b>62.0%</b>	<b>17.5%</b>	<b>13.9%</b>	<b>6.6%</b>			
Other	<b>65.2%</b>	<b>13.0%</b>	<b>21.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.066	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
IPSWICH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>229</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.5%</b>	Citations per 1000	
	Passing through:	<b>59.5%</b>	18 + residents:	<b>20.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 195)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.03</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>28.3%</b>				Female <b>N/A</b>			
Male <b>71.7%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>5.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>6.0%</b>				AA/Black <b>N/A</b>			
Hispanic <b>10.4%</b>				Hispanic <b>N/A</b>			
White <b>81.9%</b>				White <b>N/A</b>			
Other <b>1.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.0%</b>	<b>2.2%</b>	<b>3.8%</b>	AA/Black	<b>6.0%</b>	<b>14.5%</b>	<b>-8.5%</b>
Hispanic	<b>10.4%</b>	<b>4.2%</b>	<b>6.2%</b>	Hispanic	<b>10.4%</b>	<b>15.2%</b>	<b>-4.8%</b>
White	<b>81.9%</b>	<b>92.0%</b>	<b>-10.1%</b>	White	<b>81.9%</b>	<b>65.1%</b>	<b>16.8%</b>
Other	<b>1.6%</b>	<b>2.0%</b>	<b>-0.4%</b>	Other	<b>1.6%</b>	<b>5.2%</b>	<b>-3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	30	<b>11.5%</b>	<b>27.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	146	<b>88.5%</b>	<b>73.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .009* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .220* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>33.3%</b>	<b>8.3%</b>	<b>41.7%</b>	<b>16.7%</b>	NW	<b>0</b>	
Hispanic	<b>12.0%</b>	<b>28.0%</b>	<b>60.0%</b>	<b>0.0%</b>	White	<b>2</b>	
White	<b>50.0%</b>	<b>21.8%</b>	<b>19.0%</b>	<b>9.2%</b>			
Other	<b>0.0%</b>	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> : .000* sig.						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
KINGSTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>202</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.7%</b>	Citations per 1000	
	Passing through:	<b>75.3%</b>	18 + residents:	<b>44.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 186)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.26</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>39.5%</b>				Female <b>N/A</b>			
Male <b>60.5%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>7.8%</b>				AA/Black <b>N/A</b>			
Hispanic <b>2.2%</b>				Hispanic <b>N/A</b>			
White <b>89.4%</b>				White <b>N/A</b>			
Other <b>0.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.8%</b>	<b>0.6%</b>	<b>7.2%</b>	AA/Black	<b>7.8%</b>	<b>14.5%</b>	<b>-6.7%</b>
Hispanic	<b>2.2%</b>	<b>3.8%</b>	<b>-1.6%</b>	Hispanic	<b>2.2%</b>	<b>15.2%</b>	<b>-13.0%</b>
White	<b>89.4%</b>	<b>93.6%</b>	<b>-4.2%</b>	White	<b>89.4%</b>	<b>65.1%</b>	<b>24.3%</b>
Other	<b>0.6%</b>	<b>2.0%</b>	<b>-1.4%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	19	<b>8.4%</b>	<b>22.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	155	<b>91.6%</b>	<b>77.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.022*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.257*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>64.3%</b>	<b>21.4%</b>	<b>14.3%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>73.9%</b>	<b>9.7%</b>	<b>14.8%</b>	<b>1.7%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.952	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LAKEVILLE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>627</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.4%</b>	Citations per 1000	
	Passing through:	<b>76.6%</b>	18 + residents:	<b>68.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 565)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 4.6%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.039*	sig.	Chi-square, X-tab <sup>6</sup> :		.206	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.509	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.293	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> :		.502	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LANCASTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>553</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>4.9%</b>	Citations per 1000	
	Passing through:	<b>95.1%</b>	18 + residents:	<b>84.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 532)				ITP Stops <sup>3</sup> (N = 114)			
Mean age				Mean age			
<b>36.34</b>				<b>37.52</b>			
Gender %				Gender %			
Female <b>41.6%</b>				Female <b>33.6%</b>			
Male <b>58.2%</b>				Male <b>65.5%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.9%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.6%</b>				Race % Mis/Unk <sup>4</sup> <b>4.4%</b>			
AA/Black <b>9.0%</b>				AA/Black <b>14.7%</b>			
Hispanic <b>16.6%</b>				Hispanic <b>20.2%</b>			
White <b>70.2%</b>				White <b>63.3%</b>			
Other <b>4.3%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>7.4%</b>	<b>1.6%</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>16.6%</b>	<b>7.3%</b>	<b>9.3%</b>	Hispanic	<b>16.6%</b>	<b>15.2%</b>	<b>1.4%</b>
White	<b>70.2%</b>	<b>81.4%</b>	<b>-11.2%</b>	White	<b>70.2%</b>	<b>65.1%</b>	<b>5.1%</b>
Other	<b>4.3%</b>	<b>4.8%</b>	<b>-0.5%</b>	Other	<b>4.3%</b>	<b>5.2%</b>	<b>-0.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	146	<b>28.2%</b>	<b>38.5%</b>	NW	33	<b>33.8%</b>	<b>41.2%</b>
White	348	<b>71.8%</b>	<b>61.5%</b>	White	61	<b>66.2%</b>	<b>58.8%</b>
Chi-square, X-tab <sup>6</sup> :		.091	not sig.	Chi-square, X-tab <sup>6</sup> :		.562	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.651	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.995	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>30.6%</b>	<b>59.2%</b>	<b>10.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.6%</b>	<b>62.8%</b>	<b>11.6%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>27.9%</b>	<b>61.4%</b>	<b>9.8%</b>	<b>0.8%</b>			
Other	<b>17.4%</b>	<b>82.6%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.674	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LAWRENCE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>7,606</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>61.9%</b>	Citations per 1000	
	Passing through:	<b>38.1%</b>	18 + residents:	<b>129</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,204)				ITP Stops <sup>3</sup> (N = 1,604)			
Mean age				Mean age			
<b>38.18</b>				<b>36.25</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>36.9%</b>			
Male <b>64.7%</b>				Male <b>63.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.4%</b>				Race % Mis/Unk <sup>4</sup> <b>5.7%</b>			
AA/Black <b>4.9%</b>				AA/Black <b>5.0%</b>			
Hispanic <b>70.4%</b>				Hispanic <b>69.9%</b>			
White <b>23.1%</b>				White <b>23.1%</b>			
Other <b>1.6%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.9%</b>	<b>5.7%</b>	<b>-0.8%</b>	AA/Black	<b>4.9%</b>	<b>14.5%</b>	<b>-9.6%</b>
Hispanic	<b>70.4%</b>	<b>80.6%</b>	<b>-10.2%</b>	Hispanic	<b>70.4%</b>	<b>15.2%</b>	<b>55.2%</b>
White	<b>23.1%</b>	<b>14.8%</b>	<b>8.3%</b>	White	<b>23.1%</b>	<b>65.1%</b>	<b>-42.0%</b>
Other	<b>1.6%</b>	<b>5.1%</b>	<b>-3.5%</b>	Other	<b>1.6%</b>	<b>5.2%</b>	<b>-3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,826	<b>76.5%</b>	<b>80.7%</b>	NW	1,056	<b>75.8%</b>	<b>78.9%</b>
White	1,407	<b>23.5%</b>	<b>19.3%</b>	White	314	<b>24.2%</b>	<b>21.1%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .182 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .801* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.016 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.8%</b>	<b>16.6%</b>	<b>11.7%</b>	<b>0.9%</b>	NW	<b>32</b>	<b>N/A</b>
Hispanic	<b>73.8%</b>	<b>17.2%</b>	<b>7.2%</b>	<b>1.8%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>74.3%</b>	<b>16.6%</b>	<b>7.6%</b>	<b>1.5%</b>			
Other	<b>73.0%</b>	<b>19.8%</b>	<b>7.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .108 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LEE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>103</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.0%</b>	Citations per 1000	
	Passing through:	<b>80.0%</b>	18 + residents:	<b>21.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 80)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 3.8%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .111 not sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LEICESTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>573</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.3%</b>	Citations per 1000	
	Passing through:	<b>90.7%</b>	18 + residents:	<b>61.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 560)				ITP Stops <sup>3</sup> (N = 146)			
Mean age				Mean age			
<b>35.2</b>				<b>36.36</b>			
Gender %				Gender %			
Female <b>35.9%</b>				Female <b>36.6%</b>			
Male <b>64.1%</b>				Male <b>63.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>12.0%</b>				AA/Black <b>8.3%</b>			
Hispanic <b>27.9%</b>				Hispanic <b>29.7%</b>			
White <b>56.9%</b>				White <b>58.6%</b>			
Other <b>3.3%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.0%</b>	<b>3.2%</b>	<b>8.8%</b>	AA/Black	<b>12.0%</b>	<b>14.5%</b>	<b>-2.5%</b>
Hispanic	<b>27.9%</b>	<b>3.8%</b>	<b>24.1%</b>	Hispanic	<b>27.9%</b>	<b>15.2%</b>	<b>12.7%</b>
White	<b>56.9%</b>	<b>91.0%</b>	<b>-34.1%</b>	White	<b>56.9%</b>	<b>65.1%</b>	<b>-8.2%</b>
Other	<b>3.3%</b>	<b>2.5%</b>	<b>0.8%</b>	Other	<b>3.3%</b>	<b>5.2%</b>	<b>-1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	229	<b>37.6%</b>	<b>50.5%</b>	NW	55	<b>38.4%</b>	<b>51.5%</b>
White	304	<b>62.4%</b>	<b>49.5%</b>	White	77	<b>61.6%</b>	<b>48.5%</b>
Chi-square, X-tab <sup>6</sup> :		.003*	sig.	Chi-square, X-tab <sup>6</sup> :		.185	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.642*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.655	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>14.7%</b>	<b>33.8%</b>	<b>1.5%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>40.8%</b>	<b>14.6%</b>	<b>40.1%</b>	<b>4.5%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>58.9%</b>	<b>10.9%</b>	<b>25.2%</b>	<b>5.0%</b>			
Other	<b>61.1%</b>	<b>22.2%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.012*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT LENOX POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>404</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.1%</b>	Citations per 1000	
	Passing through:	<b>92.9%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 396)				ITP Stops <sup>3</sup> (N = 103)			
Mean age				Mean age			
<b>38.37</b>				<b>38.3</b>			
Gender %				Gender %			
Female		<b>40.6%</b>		Female		<b>38.2%</b>	
Male		<b>59.1%</b>		Male		<b>61.8%</b>	
Non-binary		<b>0.3%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>3.5%</b>				<b>2.9%</b>	
AA/Black		<b>9.7%</b>		AA/Black		<b>8.0%</b>	
Hispanic		<b>3.9%</b>		Hispanic		<b>4.0%</b>	
White		<b>85.6%</b>		White		<b>87.0%</b>	
Other		<b>0.8%</b>		Other		<b>1.0%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.7%</b>	<b>14.5%</b>	<b>-4.8%</b>
Hispanic	<b>3.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.9%</b>	<b>15.2%</b>	<b>-11.3%</b>
White	<b>85.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.6%</b>	<b>65.1%</b>	<b>20.5%</b>
Other	<b>0.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	54	<b>13.3%</b>	<b>17.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	313	<b>86.7%</b>	<b>82.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.272	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.720	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.5%</b>	<b>8.1%</b>	<b>29.7%</b>	<b>2.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>68.8%</b>	<b>25.0%</b>	<b>6.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>79.6%</b>	<b>11.1%</b>	<b>7.8%</b>	<b>1.5%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.006*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LEOMINSTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,549</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>44.3%</b>	Citations per 1000	
	Passing through:	<b>55.7%</b>	18 + residents:	<b>47.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,358)				ITP Stops <sup>3</sup> (N = 144)			
Mean age				Mean age			
<b>41.66</b>				<b>40.77</b>			
Gender %				Gender %			
Female <b>44.5%</b>				Female <b>36.9%</b>			
Male <b>55.5%</b>				Male <b>63.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>3.5%</b>			
AA/Black <b>9.7%</b>				AA/Black <b>8.6%</b>			
Hispanic <b>22.5%</b>				Hispanic <b>29.5%</b>			
White <b>63.9%</b>				White <b>58.3%</b>			
Other <b>3.9%</b>				Other <b>3.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.7%</b>	<b>6.7%</b>	<b>3.0%</b>	AA/Black	<b>9.7%</b>	<b>14.5%</b>	<b>-4.8%</b>
Hispanic	<b>22.5%</b>	<b>18.4%</b>	<b>4.1%</b>	Hispanic	<b>22.5%</b>	<b>15.2%</b>	<b>7.3%</b>
White	<b>63.9%</b>	<b>69.3%</b>	<b>-5.4%</b>	White	<b>63.9%</b>	<b>65.1%</b>	<b>-1.2%</b>
Other	<b>3.9%</b>	<b>6.8%</b>	<b>-2.9%</b>	Other	<b>3.9%</b>	<b>5.2%</b>	<b>-1.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	472	<b>34.5%</b>	<b>50.9%</b>	NW	51	<b>35.8%</b>	<b>53.1%</b>
White	842	<b>65.5%</b>	<b>49.1%</b>	White	76	<b>64.2%</b>	<b>46.9%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .084 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .509* sig.				Odds ratio Exp(B) <sup>7</sup> : .472 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.8%</b>	<b>6.3%</b>	<b>11.1%</b>	<b>4.9%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>69.0%</b>	<b>5.5%</b>	<b>21.4%</b>	<b>4.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>80.0%</b>	<b>5.8%</b>	<b>11.3%</b>	<b>2.9%</b>			
Other	<b>78.2%</b>	<b>3.6%</b>	<b>18.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LEVERETT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>207</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.1%</b>	Citations per 1000	
	Passing through:	<b>84.9%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 205)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 3.8%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .051 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .239* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .711 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LEXINGTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,986</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.5%</b>	Citations per 1000	
	Passing through:	<b>68.5%</b>	18 + residents:	<b>82.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,800)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .160 not sig.				Chi-square, X-tab <sup>6</sup> : .629 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .863 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.091 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LINCOLN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>739)</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.4%</b>	Citations per 1000	
	Passing through:	<b>90.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 709)				ITP Stops <sup>3</sup> (N = 253)			
Mean age				Mean age			
<b>40.17</b>				<b>43.88</b>			
Gender %				Gender %			
Female <b>31.3%</b>				Female <b>40.2%</b>			
Male <b>68.7%</b>				Male <b>59.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>12.8%</b>				AA/Black <b>5.9%</b>			
Hispanic <b>13.8%</b>				Hispanic <b>7.5%</b>			
White <b>64.0%</b>				White <b>75.5%</b>			
Other <b>9.3%</b>				Other <b>11.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.8%</b>	<b>14.5%</b>	<b>-1.7%</b>
Hispanic	<b>13.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>13.8%</b>	<b>15.2%</b>	<b>-1.4%</b>
White	<b>64.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>64.0%</b>	<b>65.1%</b>	<b>-1.1%</b>
Other	<b>9.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>9.3%</b>	<b>5.2%</b>	<b>4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	248	<b>22.8%</b>	<b>45.3%</b>	NW	55	<b>22.6%</b>	<b>25.4%</b>
White	444	<b>77.2%</b>	<b>54.7%</b>	White	181	<b>77.4%</b>	<b>74.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .657 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .356* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.258 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.5%</b>	<b>22.1%</b>	<b>6.3%</b>	<b>2.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>55.8%</b>	<b>23.1%</b>	<b>17.3%</b>	<b>3.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>78.6%</b>	<b>16.6%</b>	<b>3.8%</b>	<b>1.1%</b>			
Other	<b>78.3%</b>	<b>20.3%</b>	<b>0.0%</b>	<b>1.4%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LITTLETON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>421</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.9%</b>	Citations per 1000	
	Passing through:	<b>86.1%</b>	18 + residents:	<b>53.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 388)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 4.6%				Race % Mis/Unk <sup>4</sup> 3.0%			
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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .042* sig.				Chi-square, X-tab <sup>6</sup> : .136 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .478* sig.				Odds ratio Exp(B) <sup>7</sup> : .437 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .450 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LONGMEADOW POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>563</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.1%</b>	Citations per 1000	
	Passing through:	<b>70.9%</b>	18 + residents:	<b>46.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 468)				ITP Stops <sup>3</sup> (N = 158)			
Mean age				Mean age			
<b>35.74</b>				<b>36.62</b>			
Gender %				Gender %			
Female <b>40.6%</b>				Female <b>44.6%</b>			
Male <b>59.4%</b>				Male <b>55.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>10.5%</b>				AA/Black <b>14.3%</b>			
Hispanic <b>10.9%</b>				Hispanic <b>11.0%</b>			
White <b>74.6%</b>				White <b>70.1%</b>			
Other <b>4.0%</b>				Other <b>4.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.5%</b>	<b>0.9%</b>	<b>9.6%</b>	AA/Black	<b>10.5%</b>	<b>14.5%</b>	<b>-4.0%</b>
Hispanic	<b>10.9%</b>	<b>6.8%</b>	<b>4.1%</b>	Hispanic	<b>10.9%</b>	<b>15.2%</b>	<b>-4.3%</b>
White	<b>74.6%</b>	<b>84.4%</b>	<b>-9.8%</b>	White	<b>74.6%</b>	<b>65.1%</b>	<b>9.5%</b>
Other	<b>4.0%</b>	<b>8.5%</b>	<b>-4.5%</b>	Other	<b>4.0%</b>	<b>5.2%</b>	<b>-1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	101	<b>23.4%</b>	<b>25.0%</b>	NW	36	<b>25.6%</b>	<b>27.6%</b>
White	316	<b>76.6%</b>	<b>75.0%</b>	White	100	<b>74.4%</b>	<b>72.4%</b>
Chi-square, X-tab <sup>6</sup> : .695 not sig.				Chi-square, X-tab <sup>6</sup> : .799 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .970 not sig.				Odds ratio Exp(B) <sup>7</sup> : .711 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.7%</b>	<b>10.9%</b>	<b>25.5%</b>	<b>10.9%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>57.9%</b>	<b>15.8%</b>	<b>26.3%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>74.4%</b>	<b>11.5%</b>	<b>11.5%</b>	<b>2.5%</b>			
Other	<b>71.4%</b>	<b>9.5%</b>	<b>19.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LOWELL POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>9,912</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>49.0%</b>	Citations per 1000	
	Passing through:	<b>51.0%</b>	18 + residents:	<b>113.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,605)				ITP Stops <sup>3</sup> (N = 2,888)			
Mean age				Mean age			
<b>37.16</b>				<b>34.7</b>			
Gender %				Gender %			
Female <b>40.7%</b>				Female <b>36.1%</b>			
Male <b>59.2%</b>				Male <b>63.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>4.2%</b>			
AA/Black <b>12.7%</b>				AA/Black <b>12.4%</b>			
Hispanic <b>27.5%</b>				Hispanic <b>33.6%</b>			
White <b>46.8%</b>				White <b>42.3%</b>			
Other <b>12.9%</b>				Other <b>11.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.7%</b>	<b>8.0%</b>	<b>4.7%</b>	AA/Black	<b>12.7%</b>	<b>14.5%</b>	<b>-1.8%</b>
Hispanic	<b>27.5%</b>	<b>18.1%</b>	<b>9.4%</b>	Hispanic	<b>27.5%</b>	<b>15.2%</b>	<b>12.3%</b>
White	<b>46.8%</b>	<b>48.7%</b>	<b>-1.9%</b>	White	<b>46.8%</b>	<b>65.1%</b>	<b>-18.3%</b>
Other	<b>12.9%</b>	<b>26.4%</b>	<b>-13.5%</b>	Other	<b>12.9%</b>	<b>5.2%</b>	<b>7.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,691	<b>51.3%</b>	<b>61.9%</b>	NW	1,438	<b>55.3%</b>	<b>61.1%</b>
White	4,141	<b>48.7%</b>	<b>38.1%</b>	White	1,065	<b>44.7%</b>	<b>38.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .004* sig.			
Odds ratio Exp(B) <sup>7</sup> : .686* sig.				Odds ratio Exp(B) <sup>7</sup> : .757* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>15.9%</b>	<b>75.5%</b>	<b>6.8%</b>	<b>1.8%</b>	NW	<b>21</b>	<b>N/A</b>
Hispanic	<b>16.4%</b>	<b>73.6%</b>	<b>8.0%</b>	<b>2.0%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>19.0%</b>	<b>75.8%</b>	<b>4.4%</b>	<b>0.8%</b>			
Other	<b>17.7%</b>	<b>76.7%</b>	<b>3.8%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LUDLOW POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>651</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.1%</b>	Citations per 1000	
	Passing through:	<b>64.9%</b>	18 + residents:	<b>37.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 502)				ITP Stops <sup>3</sup> (N = 204)			
Mean age				Mean age			
<b>37</b>				<b>36.46</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>40.9%</b>			
Male <b>63.7%</b>				Male <b>59.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>10.7%</b>				AA/Black <b>7.0%</b>			
Hispanic <b>6.6%</b>				Hispanic <b>5.5%</b>			
White <b>82.2%</b>				White <b>86.1%</b>			
Other <b>0.6%</b>				Other <b>1.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.7%</b>	<b>1.4%</b>	<b>9.3%</b>	AA/Black	<b>10.7%</b>	<b>14.5%</b>	<b>-3.8%</b>
Hispanic	<b>6.6%</b>	<b>8.6%</b>	<b>-2.0%</b>	Hispanic	<b>6.6%</b>	<b>15.2%</b>	<b>-8.6%</b>
White	<b>82.2%</b>	<b>87.3%</b>	<b>-5.1%</b>	White	<b>82.2%</b>	<b>65.1%</b>	<b>17.1%</b>
Other	<b>0.6%</b>	<b>3.8%</b>	<b>-3.2%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	80	<b>17.1%</b>	<b>21.1%</b>	NW	26	<b>18.6%</b>	<b>7.2%</b>
White	349	<b>82.9%</b>	<b>78.9%</b>	White	156	<b>81.4%</b>	<b>92.8%</b>
Chi-square, X-tab <sup>6</sup> : .298 not sig.				Chi-square, X-tab <sup>6</sup> : .034* sig.			
Odds ratio Exp(B) <sup>7</sup> : .621 not sig.				Odds ratio Exp(B) <sup>7</sup> : 3.144* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.8%</b>	<b>9.8%</b>	<b>32.8%</b>	<b>6.6%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>42.9%</b>	<b>14.3%</b>	<b>31.0%</b>	<b>11.9%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>62.5%</b>	<b>11.7%</b>	<b>17.5%</b>	<b>8.3%</b>			
Other	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>33.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .046* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LUNENBURG POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,760</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.0%</b>	Citations per 1000	
	Passing through:	<b>79.0%</b>	18 + residents:	<b>194.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,684)				ITP Stops <sup>3</sup> (N = 494)			
Mean age				Mean age			
<b>36.37</b>				<b>35.97</b>			
Gender %				Gender %			
Female <b>40.4%</b>				Female <b>34.8%</b>			
Male <b>59.4%</b>				Male <b>65.0%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>9.8%</b>				AA/Black <b>11.0%</b>			
Hispanic <b>14.7%</b>				Hispanic <b>15.7%</b>			
White <b>74.0%</b>				White <b>72.0%</b>			
Other <b>1.5%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.8%</b>	<b>1.7%</b>	<b>8.1%</b>	AA/Black	<b>9.8%</b>	<b>14.5%</b>	<b>-4.7%</b>
Hispanic	<b>14.7%</b>	<b>5.9%</b>	<b>8.8%</b>	Hispanic	<b>14.7%</b>	<b>15.2%</b>	<b>-0.5%</b>
White	<b>74.0%</b>	<b>88.4%</b>	<b>-14.4%</b>	White	<b>74.0%</b>	<b>65.1%</b>	<b>8.9%</b>
Other	<b>1.5%</b>	<b>4.0%</b>	<b>-2.5%</b>	Other	<b>1.5%</b>	<b>5.2%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	416	<b>23.5%</b>	<b>31.9%</b>	NW	121	<b>24.6%</b>	<b>33.3%</b>
White	1,190	<b>76.5%</b>	<b>68.1%</b>	White	319	<b>75.4%</b>	<b>66.7%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .052 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .697* sig.				Odds ratio Exp(B) <sup>7</sup> : .512* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>73.3%</b>	<b>4.7%</b>	<b>20.3%</b>	<b>1.7%</b>	NW	<b>0</b>
Hispanic	<b>70.0%</b>	<b>5.1%</b>	<b>21.7%</b>	<b>3.2%</b>	White	<b>1</b>
White	<b>83.5%</b>	<b>5.7%</b>	<b>9.0%</b>	<b>1.8%</b>		
Other	<b>88.0%</b>	<b>4.0%</b>	<b>4.0%</b>	<b>4.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LYNN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>4,011</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>63.8%</b>	Citations per 1000	
	Passing through:	<b>36.2%</b>	18 + residents:	<b>56.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,484)				ITP Stops <sup>3</sup> (N = 994)			
Mean age				Mean age			
<b>36.87</b>				<b>35.04</b>			
Gender %				Gender %			
Female		<b>34.5%</b>		Female		<b>31.2%</b>	
Male		<b>65.4%</b>		Male		<b>68.7%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.1%</b>	
Race %		Mis/Unk <sup>4</sup> <b>7.3%</b>		Race %		Mis/Unk <sup>4</sup> <b>7.9%</b>	
AA/Black		<b>13.3%</b>		AA/Black		<b>12.5%</b>	
Hispanic		<b>50.6%</b>		Hispanic		<b>53.8%</b>	
White		<b>31.8%</b>		White		<b>29.2%</b>	
Other		<b>4.3%</b>		Other		<b>4.6%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.3%</b>	<b>13.7%</b>	<b>-0.4%</b>	AA/Black	<b>13.3%</b>	<b>14.5%</b>	<b>-1.2%</b>
Hispanic	<b>50.6%</b>	<b>42.8%</b>	<b>7.8%</b>	Hispanic	<b>50.6%</b>	<b>15.2%</b>	<b>35.4%</b>
White	<b>31.8%</b>	<b>35.9%</b>	<b>-4.1%</b>	White	<b>31.8%</b>	<b>65.1%</b>	<b>-33.3%</b>
Other	<b>4.3%</b>	<b>14.4%</b>	<b>-10.1%</b>	Other	<b>4.3%</b>	<b>5.2%</b>	<b>-0.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,110	<b>66.1%</b>	<b>76.4%</b>	NW	589	<b>70.0%</b>	<b>71.3%</b>
White	959	<b>33.9%</b>	<b>23.6%</b>	White	248	<b>30.0%</b>	<b>28.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.703	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.624*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.873	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>49.9%</b>	<b>25.1%</b>	<b>21.6%</b>	<b>3.4%</b>	NW	<b>51</b>	<b>N/A</b>
Hispanic	<b>31.2%</b>	<b>22.4%</b>	<b>39.2%</b>	<b>7.2%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>56.0%</b>	<b>23.1%</b>	<b>17.2%</b>	<b>3.8%</b>			
Other	<b>58.0%</b>	<b>28.0%</b>	<b>12.7%</b>	<b>1.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
LYNNFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>131</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.5%</b>	Citations per 1000	
	Passing through:	<b>81.5%</b>	18 + residents:	<b>13.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 108)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 8.3%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	N/A	N/A	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	White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> : N/A N/A				Chi-square, X-tab <sup>6</sup> : N/A N/A				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : N/A N/A				Odds ratio Exp(B) <sup>7</sup> : N/A N/A				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .003* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MALDEN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,166</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.6%</b>	Citations per 1000	
	Passing through:	<b>68.4%</b>	18 + residents:	<b>23.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,044)				ITP Stops <sup>3</sup> (N = 275)			
Mean age				Mean age			
<b>38.91</b>				<b>35.88</b>			
Gender %				Gender %			
Female <b>31.8%</b>				Female <b>28.7%</b>			
Male <b>68.2%</b>				Male <b>71.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>9.0%</b>				Race % Mis/Unk <sup>4</sup> <b>5.5%</b>			
AA/Black <b>20.4%</b>				AA/Black <b>17.7%</b>			
Hispanic <b>12.7%</b>				Hispanic <b>16.9%</b>			
White <b>52.9%</b>				White <b>54.2%</b>			
Other <b>13.9%</b>				Other <b>11.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.4%</b>	<b>18.5%</b>	<b>1.9%</b>	AA/Black	<b>20.4%</b>	<b>14.5%</b>	<b>5.9%</b>
Hispanic	<b>12.7%</b>	<b>8.5%</b>	<b>4.2%</b>	Hispanic	<b>12.7%</b>	<b>15.2%</b>	<b>-2.5%</b>
White	<b>52.9%</b>	<b>47.0%</b>	<b>5.9%</b>	White	<b>52.9%</b>	<b>65.1%</b>	<b>-12.2%</b>
Other	<b>13.9%</b>	<b>25.7%</b>	<b>-11.8%</b>	Other	<b>13.9%</b>	<b>5.2%</b>	<b>8.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	432	<b>46.6%</b>	<b>48.2%</b>	NW	109	<b>42.7%</b>	<b>49.4%</b>
White	492	<b>53.4%</b>	<b>51.8%</b>	White	134	<b>57.3%</b>	<b>50.6%</b>
Chi-square, X-tab <sup>6</sup> :		.749	not sig.	Chi-square, X-tab <sup>6</sup> :		.326	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.034	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.071	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.2%</b>	<b>19.9%</b>	<b>17.1%</b>	<b>2.8%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>55.0%</b>	<b>21.4%</b>	<b>22.9%</b>	<b>0.7%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>64.9%</b>	<b>19.6%</b>	<b>14.1%</b>	<b>1.4%</b>			
Other	<b>65.2%</b>	<b>29.7%</b>	<b>5.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001* sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MANCHESTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>367</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.1%</b>	Citations per 1000	
	Passing through:	<b>79.9%</b>	18 + residents:	<b>87.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 353)				ITP Stops <sup>3</sup> (N = 102)			
Mean age				Mean age			
<b>43.63</b>				<b>42.49</b>			
Gender %				Gender %			
Female <b>35.8%</b>				Female <b>39.2%</b>			
Male <b>64.2%</b>				Male <b>60.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>10.5%</b>				Race % Mis/Unk <sup>4</sup> <b>9.8%</b>			
AA/Black <b>1.3%</b>				AA/Black <b>1.1%</b>			
Hispanic <b>9.8%</b>				Hispanic <b>7.6%</b>			
White <b>87.7%</b>				White <b>89.1%</b>			
Other <b>1.3%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.3%</b>	<b>0.0%</b>	<b>1.3%</b>	AA/Black	<b>1.3%</b>	<b>14.5%</b>	<b>-13.2%</b>
Hispanic	<b>9.8%</b>	<b>1.5%</b>	<b>8.3%</b>	Hispanic	<b>9.8%</b>	<b>15.2%</b>	<b>-5.4%</b>
White	<b>87.7%</b>	<b>97.1%</b>	<b>-9.4%</b>	White	<b>87.7%</b>	<b>65.1%</b>	<b>22.6%</b>
Other	<b>1.3%</b>	<b>1.3%</b>	<b>0.0%</b>	Other	<b>1.3%</b>	<b>5.2%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	<b>11.4%</b>	<b>14.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	268	<b>88.6%</b>	<b>86.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.541	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.713	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>33.3%</b>	<b>33.3%</b>	<b>16.7%</b>	<b>16.7%</b>	NW	<b>0</b>	
Hispanic	<b>37.5%</b>	<b>18.8%</b>	<b>25.0%</b>	<b>18.8%</b>	White	<b>1</b>	
White	<b>71.3%</b>	<b>8.7%</b>	<b>10.8%</b>	<b>9.1%</b>			
Other	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> :		.011*	sig.			Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MANSFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,641</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.7%</b>	Citations per 1000	
	Passing through:	<b>65.3%</b>	18 + residents:	<b>139.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,525)				ITP Stops <sup>3</sup> (N = 1,134)			
Mean age				Mean age			
<b>39.27</b>				<b>38.12</b>			
Gender %				Gender %			
Female <b>40.7%</b>				Female <b>40.5%</b>			
Male <b>59.3%</b>				Male <b>59.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>12.0%</b>				AA/Black <b>10.4%</b>			
Hispanic <b>5.1%</b>				Hispanic <b>4.0%</b>			
White <b>77.0%</b>				White <b>78.9%</b>			
Other <b>5.9%</b>				Other <b>6.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.0%</b>	<b>2.3%</b>	<b>9.7%</b>	AA/Black	<b>12.0%</b>	<b>14.5%</b>	<b>-2.5%</b>
Hispanic	<b>5.1%</b>	<b>4.1%</b>	<b>1.0%</b>	Hispanic	<b>5.1%</b>	<b>15.2%</b>	<b>-10.1%</b>
White	<b>77.0%</b>	<b>86.4%</b>	<b>-9.4%</b>	White	<b>77.0%</b>	<b>65.1%</b>	<b>11.9%</b>
Other	<b>5.9%</b>	<b>7.5%</b>	<b>-1.6%</b>	Other	<b>5.9%</b>	<b>5.2%</b>	<b>0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	548	<b>18.1%</b>	<b>34.4%</b>	NW	215	<b>18.2%</b>	<b>27.9%</b>
White	1,833	<b>81.9%</b>	<b>65.6%</b>	White	805	<b>81.8%</b>	<b>72.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .417* sig.				Odds ratio Exp(B) <sup>7</sup> : .488 sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.3%</b>	<b>3.6%</b>	<b>15.2%</b>	<b>1.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>69.6%</b>	<b>4.3%</b>	<b>22.5%</b>	<b>3.6%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>91.5%</b>	<b>2.8%</b>	<b>4.5%</b>	<b>1.3%</b>			
Other	<b>95.4%</b>	<b>1.3%</b>	<b>1.3%</b>	<b>2.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MARBLEHEAD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>156</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>54.3%</b>	Citations per 1000	
	Passing through:	<b>45.7%</b>	18 + residents:	<b>9.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 127)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.07</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>27.8%</b>				Female <b>N/A</b>			
Male <b>72.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>5.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.2%</b>				AA/Black <b>N/A</b>			
Hispanic <b>9.2%</b>				Hispanic <b>N/A</b>			
White <b>85.0%</b>				White <b>N/A</b>			
Other <b>1.7%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.2%</b>	<b>1.6%</b>	<b>2.6%</b>	AA/Black	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
Hispanic	<b>9.2%</b>	<b>5.0%</b>	<b>4.2%</b>	Hispanic	<b>9.2%</b>	<b>15.2%</b>	<b>-6.0%</b>
White	<b>85.0%</b>	<b>91.1%</b>	<b>-6.1%</b>	White	<b>85.0%</b>	<b>65.1%</b>	<b>19.9%</b>
Other	<b>1.7%</b>	<b>2.3%</b>	<b>-0.6%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16	<b>12.6%</b>	<b>19.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	97	<b>87.4%</b>	<b>80.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.398	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.658	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>16.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.0%</b>	<b>10.0%</b>	<b>60.0%</b>	<b>5.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>53.0%</b>	<b>20.5%</b>	<b>23.1%</b>	<b>3.4%</b>			
Other	<b>0.0%</b>	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.027*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MARION POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>218</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.4%</b>	Citations per 1000	
	Passing through:	<b>81.6%</b>	18 + residents:	<b>54</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 207)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.82</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>41.1%</b>				Female <b>N/A</b>			
Male <b>58.5%</b>				Male <b>N/A</b>			
Non-binary <b>0.5%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>9.0%</b>				AA/Black <b>N/A</b>			
Hispanic <b>2.0%</b>				Hispanic <b>N/A</b>			
White <b>88.6%</b>				White <b>N/A</b>			
Other <b>0.5%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>1.4%</b>	<b>7.6%</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>2.0%</b>	<b>4.4%</b>	<b>-2.4%</b>	Hispanic	<b>2.0%</b>	<b>15.2%</b>	<b>-13.2%</b>
White	<b>88.6%</b>	<b>84.7%</b>	<b>3.9%</b>	White	<b>88.6%</b>	<b>65.1%</b>	<b>23.5%</b>
Other	<b>0.5%</b>	<b>5.3%</b>	<b>-4.8%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	<b>10.7%</b>	<b>13.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	165	<b>89.3%</b>	<b>86.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .583 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .529 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.4%</b>	<b>10.5%</b>	<b>36.8%</b>	<b>5.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>0.0%</b>	<b>40.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>75.9%</b>	<b>7.0%</b>	<b>14.4%</b>	<b>2.7%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .324 <i>not sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MARLBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,448</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>46.9%</b>	Citations per 1000	
	Passing through:	<b>53.1%</b>	18 + residents:	<b>46</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,101)				ITP Stops <sup>3</sup> (N = 388)			
Mean age				Mean age			
<b>38.18</b>				<b>37.71</b>			
Gender %				Gender %			
Female <b>35.8%</b>				Female <b>34.4%</b>			
Male <b>64.2%</b>				Male <b>65.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.6%</b>				Race % Mis/Unk <sup>4</sup> <b>5.7%</b>			
AA/Black <b>4.8%</b>				AA/Black <b>4.6%</b>			
Hispanic <b>16.9%</b>				Hispanic <b>20.8%</b>			
White <b>75.6%</b>				White <b>70.5%</b>			
Other <b>2.8%</b>				Other <b>4.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.8%</b>	<b>3.8%</b>	<b>1.0%</b>	AA/Black	<b>4.8%</b>	<b>14.5%</b>	<b>-9.7%</b>
Hispanic	<b>16.9%</b>	<b>15.1%</b>	<b>1.8%</b>	Hispanic	<b>16.9%</b>	<b>15.2%</b>	<b>1.7%</b>
White	<b>75.6%</b>	<b>69.2%</b>	<b>6.4%</b>	White	<b>75.6%</b>	<b>65.1%</b>	<b>10.5%</b>
Other	<b>2.8%</b>	<b>9.8%</b>	<b>-7.0%</b>	Other	<b>2.8%</b>	<b>5.2%</b>	<b>-2.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	239	<b>21.8%</b>	<b>29.5%</b>	NW	96	<b>31.1%</b>	<b>24.3%</b>
White	748	<b>78.2%</b>	<b>70.5%</b>	White	237	<b>68.9%</b>	<b>75.7%</b>
Chi-square, X-tab <sup>6</sup> : .009* sig.				Chi-square, X-tab <sup>6</sup> : .199 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .666* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.093 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>41.5%</b>	<b>23.1%</b>	<b>29.2%</b>	<b>6.2%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>34.0%</b>	<b>19.0%</b>	<b>39.9%</b>	<b>7.1%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>47.7%</b>	<b>25.8%</b>	<b>22.9%</b>	<b>3.7%</b>			
Other	<b>59.0%</b>	<b>30.8%</b>	<b>10.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MARSHFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>286</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>55.3%</b>	Citations per 1000	
	Passing through:	<b>44.7%</b>	18 + residents:	<b>11</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 226)				ITP Stops <sup>3</sup> (N = 90)			
Mean age				Mean age			
<b>37.53</b>				<b>38.41</b>			
Gender %				Gender %			
Female <b>24.3%</b>				Female <b>24.4%</b>			
Male <b>75.7%</b>				Male <b>75.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>7.5%</b>				AA/Black <b>10.0%</b>			
Hispanic <b>4.2%</b>				Hispanic <b>3.3%</b>			
White <b>87.7%</b>				White <b>86.7%</b>			
Other <b>0.5%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>0.6%</b>	<b>6.9%</b>	AA/Black	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
Hispanic	<b>4.2%</b>	<b>2.1%</b>	<b>2.1%</b>	Hispanic	<b>4.2%</b>	<b>15.2%</b>	<b>-11.0%</b>
White	<b>87.7%</b>	<b>96.3%</b>	<b>-8.6%</b>	White	<b>87.7%</b>	<b>65.1%</b>	<b>22.6%</b>
Other	<b>0.5%</b>	<b>1.6%</b>	<b>-1.1%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	<b>21.6%</b>	<b>9.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	140	<b>78.4%</b>	<b>90.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .037* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 2.848* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>8.7%</b>	<b>13.0%</b>	<b>78.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>8.3%</b>	<b>0.0%</b>	<b>91.7%</b>	<b>0.0%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>16.7%</b>	<b>27.0%</b>	<b>49.4%</b>	<b>6.9%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .016* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MASHPEE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>368</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.2%</b>	Citations per 1000	
	Passing through:	<b>74.8%</b>	18 + residents:	<b>30.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 317)				ITP Stops <sup>3</sup> (N = 91)			
Mean age				Mean age			
<b>36.54</b>				<b>35.68</b>			
Gender %				Gender %			
Female <b>29.0%</b>				Female <b>25.8%</b>			
Male <b>70.7%</b>				Male <b>73.0%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>1.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>5.5%</b>			
AA/Black <b>15.6%</b>				AA/Black <b>14.0%</b>			
Hispanic <b>5.2%</b>				Hispanic <b>4.7%</b>			
White <b>78.2%</b>				White <b>81.4%</b>			
Other <b>1.0%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.6%</b>	<b>3.2%</b>	<b>12.4%</b>	AA/Black	<b>15.6%</b>	<b>14.5%</b>	<b>1.1%</b>
Hispanic	<b>5.2%</b>	<b>0.6%</b>	<b>4.6%</b>	Hispanic	<b>5.2%</b>	<b>15.2%</b>	<b>-10.0%</b>
White	<b>78.2%</b>	<b>85.7%</b>	<b>-7.5%</b>	White	<b>78.2%</b>	<b>65.1%</b>	<b>13.1%</b>
Other	<b>1.0%</b>	<b>9.6%</b>	<b>-8.6%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	<b>21.9%</b>	<b>22.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	217	<b>78.1%</b>	<b>78.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.980	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.831	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>10.9%</b>	<b>7.3%</b>	<b>80.0%</b>	<b>1.8%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>10.5%</b>	<b>84.2%</b>	<b>5.3%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>7.5%</b>	<b>24.6%</b>	<b>57.1%</b>	<b>10.7%</b>			
Other	<b>33.3%</b>	<b>0.0%</b>	<b>66.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.006* sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MATTAPOISETT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,021</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.8%</b>	Citations per 1000	
	Passing through:	<b>80.2%</b>	18 + residents:	<b>187</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 989)				ITP Stops <sup>3</sup> (N = 383)			
Mean age				Mean age			
<b>38.14</b>				<b>37.96</b>			
Gender %				Gender %			
Female <b>40.6%</b>				Female <b>37.8%</b>			
Male <b>59.2%</b>				Male <b>61.9%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>6.6%</b>				AA/Black <b>7.5%</b>			
Hispanic <b>4.1%</b>				Hispanic <b>4.6%</b>			
White <b>88.8%</b>				White <b>87.1%</b>			
Other <b>0.5%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.6%</b>	<b>0.0%</b>	<b>6.6%</b>	AA/Black	<b>6.6%</b>	<b>14.5%</b>	<b>-7.9%</b>
Hispanic	<b>4.1%</b>	<b>2.4%</b>	<b>1.7%</b>	Hispanic	<b>4.1%</b>	<b>15.2%</b>	<b>-11.1%</b>
White	<b>88.8%</b>	<b>95.2%</b>	<b>-6.4%</b>	White	<b>88.8%</b>	<b>65.1%</b>	<b>23.7%</b>
Other	<b>0.5%</b>	<b>1.5%</b>	<b>-1.0%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	104	<b>10.5%</b>	<b>12.8%</b>	NW	45	<b>13.6%</b>	<b>10.9%</b>
White	829	<b>89.5%</b>	<b>87.2%</b>	White	304	<b>86.4%</b>	<b>89.1%</b>
Chi-square, X-tab <sup>6</sup> :		.309	not sig.	Chi-square, X-tab <sup>6</sup> :		.500	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.782	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.557	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>74.2%</b>	<b>6.1%</b>	<b>15.2%</b>	<b>4.5%</b>	NW	<b>1</b>
Hispanic	<b>61.5%</b>	<b>5.1%</b>	<b>25.6%</b>	<b>7.7%</b>	White	<b>0</b>
White	<b>81.8%</b>	<b>5.3%</b>	<b>9.3%</b>	<b>3.5%</b>		
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.054	not sig.		Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MAYNARD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>935</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.0%</b>	Citations per 1000	
	Passing through:	<b>77.0%</b>	18 + residents:	<b>105.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 878)				ITP Stops <sup>3</sup> (N = 363)			
Mean age				Mean age			
<b>37.87</b>				<b>36.94</b>			
Gender %				Gender %			
Female <b>34.2%</b>				Female <b>32.4%</b>			
Male <b>65.7%</b>				Male <b>67.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>8.3%</b>				AA/Black <b>7.6%</b>			
Hispanic <b>10.0%</b>				Hispanic <b>9.1%</b>			
White <b>77.3%</b>				White <b>78.8%</b>			
Other <b>4.4%</b>				Other <b>4.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.3%</b>	<b>1.3%</b>	<b>7.0%</b>	AA/Black	<b>8.3%</b>	<b>14.5%</b>	<b>-6.2%</b>
Hispanic	<b>10.0%</b>	<b>3.4%</b>	<b>6.6%</b>	Hispanic	<b>10.0%</b>	<b>15.2%</b>	<b>-5.2%</b>
White	<b>77.3%</b>	<b>91.9%</b>	<b>-14.6%</b>	White	<b>77.3%</b>	<b>65.1%</b>	<b>12.2%</b>
Other	<b>4.4%</b>	<b>3.4%</b>	<b>1.0%</b>	Other	<b>4.4%</b>	<b>5.2%</b>	<b>-0.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	187	<b>21.3%</b>	<b>25.2%</b>	NW	67	<b>20.3%</b>	<b>21.6%</b>
White	639	<b>78.7%</b>	<b>74.8%</b>	White	254	<b>79.7%</b>	<b>78.4%</b>
Chi-square, X-tab <sup>6</sup> : .201 not sig.				Chi-square, X-tab <sup>6</sup> : .784 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .840 not sig.				Odds ratio Exp(B) <sup>7</sup> : .991 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.5%</b>	<b>12.7%</b>	<b>25.3%</b>	<b>2.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>47.0%</b>	<b>8.0%</b>	<b>30.0%</b>	<b>15.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>69.0%</b>	<b>14.7%</b>	<b>12.3%</b>	<b>4.0%</b>			
Other	<b>72.5%</b>	<b>12.5%</b>	<b>10.0%</b>	<b>5.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MEDFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>437</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.0%</b>	Citations per 1000	
	Passing through:	<b>76.0%</b>	18 + residents:	<b>48.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 412)				ITP Stops <sup>3</sup> (N = 147)			
Mean age				Mean age			
<b>39.85</b>				<b>37.01</b>			
Gender %				Gender %			
Female <b>43.4%</b>				Female <b>39.5%</b>			
Male <b>56.6%</b>				Male <b>60.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.8%</b>				Race % Mis/Unk <sup>4</sup> <b>5.4%</b>			
AA/Black <b>6.6%</b>				AA/Black <b>4.3%</b>			
Hispanic <b>5.0%</b>				Hispanic <b>5.0%</b>			
White <b>85.3%</b>				White <b>87.1%</b>			
Other <b>3.2%</b>				Other <b>3.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.6%</b>	<b>0.9%</b>	<b>5.7%</b>	AA/Black	<b>6.6%</b>	<b>14.5%</b>	<b>-7.9%</b>
Hispanic	<b>5.0%</b>	<b>91.1%</b>	<b>-86.1%</b>	Hispanic	<b>5.0%</b>	<b>15.2%</b>	<b>-10.2%</b>
White	<b>85.3%</b>	<b>91.1%</b>	<b>-5.8%</b>	White	<b>85.3%</b>	<b>65.1%</b>	<b>20.2%</b>
Other	<b>3.2%</b>	<b>6.1%</b>	<b>-2.9%</b>	Other	<b>3.2%</b>	<b>5.2%</b>	<b>-2.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	49	<b>14.4%</b>	<b>11.1%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	305	<b>85.6%</b>	<b>88.9%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .489 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 1.015 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>64.0%</b>	<b>20.0%</b>	<b>16.0%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>57.9%</b>	<b>21.1%</b>	<b>15.8%</b>	<b>5.3%</b>	White	<b>0</b>
White	<b>80.4%</b>	<b>15.0%</b>	<b>4.0%</b>	<b>0.6%</b>		
Other	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .017* sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MEDFORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,267</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.8%</b>	Citations per 1000	
	Passing through:	<b>72.2%</b>	18 + residents:	<b>25.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,178)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 8.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	16.4%	9.2%	7.2%	AA/Black	16.4%	1.9%
Hispanic	14.8%	0.5%	14.3%	Hispanic	14.8%	-0.4%
White	59.5%	71.1%	-11.6%	White	59.5%	-5.6%
Other	9.3%	14.3%	-5.0%	Other	9.3%	4.1%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .063 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .569* sig.				Odds ratio Exp(B) <sup>7</sup> : .499* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MEDWAY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,341</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.5%</b>	Citations per 1000	
	Passing through:	<b>73.5%</b>	18 + residents:	<b>230.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,300)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 0.3%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .529 not sig.				Chi-square, X-tab <sup>6</sup> : .398 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.071 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.263 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MELROSE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>316</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>24.6%</b>	Citations per 1000	
	Passing through:	<b>75.4%</b>	18 + residents:	<b>13.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 272)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 12.9%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.856	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.684	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> :		.158	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MENDON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,088</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.9%</b>	Citations per 1000	
	Passing through:	<b>93.1%</b>	18 + residents:	<b>229.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,036)				ITP Stops <sup>3</sup> (N = 346)			
Mean age				Mean age			
<b>35.81</b>				<b>34.79</b>			
Gender %				Gender %			
Female <b>31.6%</b>				Female <b>28.8%</b>			
Male <b>68.4%</b>				Male <b>71.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>4.4%</b>				AA/Black <b>2.9%</b>			
Hispanic <b>10.0%</b>				Hispanic <b>10.3%</b>			
White <b>84.0%</b>				White <b>85.6%</b>			
Other <b>1.7%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.4%</b>	<b>0.1%</b>	<b>4.3%</b>	AA/Black	<b>4.4%</b>	<b>14.5%</b>	<b>-10.1%</b>
Hispanic	<b>10.0%</b>	<b>2.3%</b>	<b>7.7%</b>	Hispanic	<b>10.0%</b>	<b>15.2%</b>	<b>-5.2%</b>
White	<b>84.0%</b>	<b>92.3%</b>	<b>-8.3%</b>	White	<b>84.0%</b>	<b>65.1%</b>	<b>18.9%</b>
Other	<b>1.7%</b>	<b>5.3%</b>	<b>-3.6%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	156	<b>14.2%</b>	<b>21.2%</b>	NW	42	<b>14.1%</b>	<b>17.3%</b>
White	798	<b>85.8%</b>	<b>78.8%</b>	White	233	<b>85.9%</b>	<b>82.7%</b>
Chi-square, X-tab <sup>6</sup> : .007* sig.				Chi-square, X-tab <sup>6</sup> : .477 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .606* sig.				Odds ratio Exp(B) <sup>7</sup> : .746 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.9%</b>	<b>18.8%</b>	<b>27.1%</b>	<b>6.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>27.0%</b>	<b>13.9%</b>	<b>54.8%</b>	<b>4.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>63.3%</b>	<b>18.8%</b>	<b>16.6%</b>	<b>1.2%</b>			
Other	<b>66.7%</b>	<b>16.7%</b>	<b>11.1%</b>	<b>5.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MERRIMAC POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>368</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.0%</b>	Citations per 1000	
	Passing through:	<b>71.0%</b>	18 + residents:	<b>68.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 352)				ITP Stops <sup>3</sup> (N = 121)			
Mean age				Mean age			
<b>40.78</b>				<b>41.46</b>			
Gender %				Gender %			
Female <b>43.3%</b>				Female <b>41.3%</b>			
Male <b>56.4%</b>				Male <b>58.7%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>2.1%</b>				AA/Black <b>3.4%</b>			
Hispanic <b>4.4%</b>				Hispanic <b>4.2%</b>			
White <b>93.2%</b>				White <b>92.4%</b>			
Other <b>0.3%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>2.1%</b>	<b>0.0%</b>	<b>2.1%</b>	AA/Black	<b>2.1%</b>	<b>-12.4%</b>
Hispanic	<b>4.4%</b>	<b>1.4%</b>	<b>3.0%</b>	Hispanic	<b>4.4%</b>	<b>-10.8%</b>
White	<b>93.2%</b>	<b>92.4%</b>	<b>0.8%</b>	White	<b>93.2%</b>	<b>28.1%</b>
Other	<b>0.3%</b>	<b>6.2%</b>	<b>-5.9%</b>	Other	<b>0.3%</b>	<b>-4.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	21	<b>3.5%</b>	<b>10.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	299	<b>96.5%</b>	<b>89.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.015*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.317*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>85.7%</b>	<b>0.0%</b>	<b>14.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>62.5%</b>	<b>6.3%</b>	<b>25.0%</b>	<b>6.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>78.8%</b>	<b>6.4%</b>	<b>12.7%</b>	<b>2.1%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.030*		sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
METHUEN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,607</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.2%</b>	Citations per 1000	
	Passing through:	<b>69.8%</b>	18 + residents:	<b>65</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,329)				ITP Stops <sup>3</sup> (N = 957)			
Mean age				Mean age			
<b>35.7</b>				<b>34.67</b>			
Gender %				Gender %			
Female <b>33.6%</b>				Female <b>31.8%</b>			
Male <b>66.4%</b>				Male <b>68.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>20.2%</b>				Race % Mis/Unk <sup>4</sup> <b>23.7%</b>			
AA/Black <b>8.0%</b>				AA/Black <b>7.9%</b>			
Hispanic <b>48.7%</b>				Hispanic <b>50.4%</b>			
White <b>41.0%</b>				White <b>39.2%</b>			
Other <b>2.3%</b>				Other <b>2.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.0%</b>	<b>4.3%</b>	<b>3.7%</b>	AA/Black	<b>8.0%</b>	<b>14.5%</b>	<b>-6.5%</b>
Hispanic	<b>48.7%</b>	<b>29.5%</b>	<b>19.2%</b>	Hispanic	<b>48.7%</b>	<b>15.2%</b>	<b>33.5%</b>
White	<b>41.0%</b>	<b>60.9%</b>	<b>-19.9%</b>	White	<b>41.0%</b>	<b>65.1%</b>	<b>-24.1%</b>
Other	<b>2.3%</b>	<b>8.3%</b>	<b>-6.0%</b>	Other	<b>2.3%</b>	<b>5.2%</b>	<b>-2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,042	<b>55.9%</b>	<b>66.0%</b>	NW	397	<b>60.0%</b>	<b>63.2%</b>
White	713	<b>44.1%</b>	<b>34.0%</b>	White	252	<b>40.0%</b>	<b>36.8%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.408	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.677*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.621*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.3%</b>	<b>17.1%</b>	<b>12.0%</b>	<b>0.6%</b>	NW	<b>14</b>	<b>N/A</b>
Hispanic	<b>62.9%</b>	<b>18.7%</b>	<b>14.2%</b>	<b>4.1%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>73.0%</b>	<b>14.6%</b>	<b>9.4%</b>	<b>3.1%</b>			
Other	<b>77.1%</b>	<b>20.8%</b>	<b>2.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MIDDLEBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>558</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.8%</b>	Citations per 1000	
	Passing through:	<b>64.2%</b>	18 + residents:	<b>27.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 383)				ITP Stops <sup>3</sup> (N = 144)			
Mean age				Mean age			
<b>37.47</b>				<b>36.03</b>			
Gender %				Gender %			
Female		<b>32.6%</b>		Female		<b>31.5%</b>	
Male		<b>67.4%</b>		Male		<b>68.5%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black		<b>10.1%</b>		AA/Black		<b>9.1%</b>	
Hispanic		<b>1.1%</b>		Hispanic		<b>1.4%</b>	
White		<b>88.3%</b>		White		<b>89.5%</b>	
Other		<b>0.5%</b>		Other		<b>0.0%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.1%</b>	<b>2.1%</b>	<b>8.0%</b>	AA/Black	<b>10.1%</b>	<b>14.5%</b>	<b>-4.4%</b>
Hispanic	<b>1.1%</b>	<b>3.0%</b>	<b>-1.9%</b>	Hispanic	<b>1.1%</b>	<b>15.2%</b>	<b>-14.1%</b>
White	<b>88.3%</b>	<b>92.2%</b>	<b>-3.9%</b>	White	<b>88.3%</b>	<b>65.1%</b>	<b>23.2%</b>
Other	<b>0.5%</b>	<b>2.0%</b>	<b>-1.5%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	41	<b>9.6%</b>	<b>15.3%</b>	NW	15	<b>8.3%</b>	<b>17.4%</b>
White	294	<b>90.4%</b>	<b>84.7%</b>	White	115	<b>91.7%</b>	<b>82.6%</b>
Chi-square, X-tab <sup>6</sup> :		.110	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.122	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.612	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.351	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>33.3%</b>	<b>19.6%</b>	<b>37.3%</b>	<b>9.8%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>10</b>	<b>N/A</b>
White	<b>40.1%</b>	<b>18.7%</b>	<b>29.7%</b>	<b>11.4%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>20.0%</b>	<b>80.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001* sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MIDDLETON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>854</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.2%</b>	Citations per 1000	
	Passing through:	<b>87.8%</b>	18 + residents:	<b>104.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 823)				ITP Stops <sup>3</sup> (N = 264)			
Mean age				Mean age			
<b>38.96</b>				<b>38.32</b>			
Gender %				Gender %			
Female <b>36.8%</b>				Female <b>38.3%</b>			
Male <b>63.2%</b>				Male <b>61.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>3.7%</b>				AA/Black <b>4.2%</b>			
Hispanic <b>16.8%</b>				Hispanic <b>21.8%</b>			
White <b>75.4%</b>				White <b>68.6%</b>			
Other <b>4.1%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.7%</b>	<b>1.5%</b>	<b>2.2%</b>	AA/Black	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
Hispanic	<b>16.8%</b>	<b>6.2%</b>	<b>10.6%</b>	Hispanic	<b>16.8%</b>	<b>15.2%</b>	<b>1.6%</b>
White	<b>75.4%</b>	<b>90.3%</b>	<b>-14.9%</b>	White	<b>75.4%</b>	<b>65.1%</b>	<b>10.3%</b>
Other	<b>4.1%</b>	<b>4.7%</b>	<b>-0.6%</b>	Other	<b>4.1%</b>	<b>5.2%</b>	<b>-1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	185	<b>19.9%</b>	<b>36.3%</b>	NW	69	<b>27.5%</b>	<b>36.8%</b>
White	585	<b>80.1%</b>	<b>63.7%</b>	White	159	<b>72.5%</b>	<b>63.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .164 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .416* sig.				Odds ratio Exp(B) <sup>7</sup> : .464 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.6%</b>	<b>16.1%</b>	<b>3.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>67.4%</b>	<b>11.3%</b>	<b>18.4%</b>	<b>2.8%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>80.4%</b>	<b>11.5%</b>	<b>6.5%</b>	<b>1.6%</b>			
Other	<b>94.1%</b>	<b>5.9%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MILFORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,869</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>55.2%</b>	Citations per 1000	
	Passing through:	<b>44.8%</b>	18 + residents:	<b>83.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,650)				ITP Stops <sup>3</sup> (N = 593)			
Mean age				Mean age			
<b>35.76</b>				<b>34.37</b>			
Gender %				Gender %			
Female <b>30.6%</b>				Female <b>27.5%</b>			
Male <b>69.4%</b>				Male <b>72.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>3.7%</b>				AA/Black <b>2.9%</b>			
Hispanic <b>9.8%</b>				Hispanic <b>13.0%</b>			
White <b>85.1%</b>				White <b>83.4%</b>			
Other <b>1.4%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.7%</b>	<b>2.3%</b>	<b>1.4%</b>	AA/Black	<b>3.7%</b>	<b>14.5%</b>	<b>-10.8%</b>
Hispanic	<b>9.8%</b>	<b>14.0%</b>	<b>-4.2%</b>	Hispanic	<b>9.8%</b>	<b>15.2%</b>	<b>-5.4%</b>
White	<b>85.1%</b>	<b>73.8%</b>	<b>11.3%</b>	White	<b>85.1%</b>	<b>65.1%</b>	<b>20.0%</b>
Other	<b>1.4%</b>	<b>5.4%</b>	<b>-4.0%</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	225	<b>13.3%</b>	<b>18.5%</b>	NW	87	<b>13.3%</b>	<b>20.6%</b>
White	1,246	<b>86.7%</b>	<b>81.5%</b>	White	442	<b>86.7%</b>	<b>79.4%</b>
Chi-square, X-tab <sup>6</sup> : .007* sig.				Chi-square, X-tab <sup>6</sup> : .024* sig.			
Odds ratio Exp(B) <sup>7</sup> : .712* sig.				Odds ratio Exp(B) <sup>7</sup> : .393* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.2%</b>	<b>7.4%</b>	<b>20.6%</b>	<b>5.9%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>28.4%</b>	<b>2.1%</b>	<b>61.6%</b>	<b>7.9%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>59.0%</b>	<b>3.2%</b>	<b>34.6%</b>	<b>3.3%</b>			
Other	<b>91.3%</b>	<b>4.3%</b>	<b>0.0%</b>	<b>4.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MILLBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>236</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.0%</b>	Citations per 1000	
	Passing through:	<b>72.0%</b>	18 + residents:	<b>21.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 193)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 7.8%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .034* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .405* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .246 not sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MILLIS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>396</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.4%</b>	Citations per 1000	
	Passing through:	<b>83.6%</b>	18 + residents:	<b>61</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 366)				ITP Stops <sup>3</sup> (N = 119)			
Mean age				Mean age			
<b>38.22</b>				<b>36.25</b>			
Gender %				Gender %			
Female <b>30.3%</b>				Female <b>33.6%</b>			
Male <b>69.4%</b>				Male <b>65.6%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.9%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.0%</b>				Race % Mis/Unk <sup>4</sup> <b>12.6%</b>			
AA/Black <b>4.1%</b>				AA/Black <b>5.8%</b>			
Hispanic <b>9.0%</b>				Hispanic <b>3.8%</b>			
White <b>84.3%</b>				White <b>88.5%</b>			
Other <b>2.6%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.1%</b>	<b>2.3%</b>	<b>1.8%</b>	AA/Black	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>
Hispanic	<b>9.0%</b>	<b>2.3%</b>	<b>6.7%</b>	Hispanic	<b>9.0%</b>	<b>15.2%</b>	<b>-6.2%</b>
White	<b>84.3%</b>	<b>92.9%</b>	<b>-8.6%</b>	White	<b>84.3%</b>	<b>65.1%</b>	<b>19.2%</b>
Other	<b>2.6%</b>	<b>1.7%</b>	<b>0.9%</b>	Other	<b>2.6%</b>	<b>5.2%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	53	<b>16.8%</b>	<b>13.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	283	<b>83.2%</b>	<b>87.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .399 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 1.562 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>50.0%</b>	<b>18.8%</b>	<b>31.3%</b>	<b>0.0%</b>	NW	<b>1</b>	
Hispanic	<b>23.5%</b>	<b>2.9%</b>	<b>73.5%</b>	<b>0.0%</b>	White	<b>4</b>	
White	<b>66.6%</b>	<b>9.6%</b>	<b>19.3%</b>	<b>4.5%</b>			
Other	<b>63.6%</b>	<b>18.2%</b>	<b>18.2%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MILLVILLE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>197</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.4%</b>	Citations per 1000	
	Passing through:	<b>86.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 194)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.21</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>40.4%</b>				Female <b>N/A</b>			
Male <b>59.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>6.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>6.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>6.1%</b>				Hispanic <b>N/A</b>			
White <b>85.6%</b>				White <b>N/A</b>			
Other <b>2.2%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.1%</b>	<b>14.5%</b>	<b>-8.4%</b>
Hispanic	<b>6.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>6.1%</b>	<b>15.2%</b>	<b>-9.1%</b>
White	<b>85.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.6%</b>	<b>65.1%</b>	<b>20.5%</b>
Other	<b>2.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.2%</b>	<b>5.2%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	<b>12.3%</b>	<b>20.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	155	<b>87.7%</b>	<b>79.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.160	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.534	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>27.3%</b>	<b>27.3%</b>	<b>45.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>63.6%</b>	<b>18.2%</b>	<b>18.2%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>58.9%</b>	<b>20.9%</b>	<b>18.4%</b>	<b>1.9%</b>			
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.453	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MILTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,183</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.8%</b>	Citations per 1000	
	Passing through:	<b>86.2%</b>	18 + residents:	<b>56.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,095)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 3.8%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .152 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .545 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .014* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT MONSON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>597</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.3%</b>	Citations per 1000	
	Passing through:	<b>69.7%</b>	18 + residents:	<b>82.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 557)				ITP Stops <sup>3</sup> (N = 204)			
Mean age				Mean age			
<b>33.95</b>				<b>33.51</b>			
Gender %				Gender %			
Female		<b>25.5%</b>		Female		<b>21.7%</b>	
Male		<b>74.5%</b>		Male		<b>78.3%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race	%	Mis/Unk <sup>4</sup>	<b>2.5%</b>	Race	%	Mis/Unk <sup>4</sup>	<b>1.0%</b>
AA/Black		<b>6.4%</b>		AA/Black		<b>6.4%</b>	
Hispanic		<b>5.5%</b>		Hispanic		<b>5.9%</b>	
White		<b>87.3%</b>		White		<b>86.6%</b>	
Other		<b>0.7%</b>		Other		<b>1.0%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.4%</b>	<b>1.1%</b>	<b>5.3%</b>	AA/Black	<b>6.4%</b>	<b>14.5%</b>	<b>-8.1%</b>
Hispanic	<b>5.5%</b>	<b>1.5%</b>	<b>4.0%</b>	Hispanic	<b>5.5%</b>	<b>15.2%</b>	<b>-9.7%</b>
White	<b>87.3%</b>	<b>95.9%</b>	<b>-8.6%</b>	White	<b>87.3%</b>	<b>65.1%</b>	<b>22.2%</b>
Other	<b>0.7%</b>	<b>2.0%</b>	<b>-1.3%</b>	Other	<b>0.7%</b>	<b>5.2%</b>	<b>-4.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	<b>11.0%</b>	<b>14.6%</b>	NW	23	<b>15.5%</b>	<b>9.4%</b>
White	422	<b>89.0%</b>	<b>85.4%</b>	White	159	<b>84.5%</b>	<b>90.6%</b>
Chi-square, X-tab <sup>6</sup> :		.323	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.220	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.612	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		2.221	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>36.6%</b>	<b>2.4%</b>	<b>39.0%</b>	<b>22.0%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>43.8%</b>	<b>15.6%</b>	<b>15.6%</b>	<b>25.0%</b>	White	<b>17</b>	<b>N/A</b>
White	<b>55.1%</b>	<b>20.6%</b>	<b>12.5%</b>	<b>11.9%</b>			
Other	<b>75.0%</b>	<b>25.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MONTAGUE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>639</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.8%</b>	Citations per 1000	
	Passing through:	<b>88.2%</b>	18 + residents:	<b>92.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 586)				ITP Stops <sup>3</sup> (N = 311)			
Mean age				Mean age			
<b>37.39</b>				<b>38.43</b>			
Gender %				Gender %			
Female <b>48.4%</b>				Female <b>48.7%</b>			
Male <b>51.6%</b>				Male <b>51.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>3.5%</b>				AA/Black <b>3.6%</b>			
Hispanic <b>3.1%</b>				Hispanic <b>2.6%</b>			
White <b>92.4%</b>				White <b>92.2%</b>			
Other <b>1.0%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.5%</b>	<b>1.9%</b>	<b>1.6%</b>	AA/Black	<b>3.5%</b>	<b>14.5%</b>	<b>-11.0%</b>
Hispanic	<b>3.1%</b>	<b>4.2%</b>	<b>-1.1%</b>	Hispanic	<b>3.1%</b>	<b>15.2%</b>	<b>-12.1%</b>
White	<b>92.4%</b>	<b>88.9%</b>	<b>3.5%</b>	White	<b>92.4%</b>	<b>65.1%</b>	<b>27.3%</b>
Other	<b>1.0%</b>	<b>5.5%</b>	<b>-4.5%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	42	<b>9.3%</b>	<b>7.2%</b>	NW	22	<b>9.6%</b>	<b>6.8%</b>
White	460	<b>90.7%</b>	<b>92.8%</b>	White	245	<b>90.4%</b>	<b>93.2%</b>
Chi-square, X-tab <sup>6</sup> :		.404	not sig.	Chi-square, X-tab <sup>6</sup> :		.404	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.177	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.870	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>71.4%</b>	<b>4.8%</b>	<b>23.8%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>71.4%</b>	<b>4.8%</b>	<b>19.0%</b>	<b>4.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>84.5%</b>	<b>3.3%</b>	<b>11.0%</b>	<b>1.2%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.495	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MONTGOMERY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>119</b>	ZIP Code Match Analysis			Stop Rate by City/Town Population			
	Intown motorist: <b>32.2%</b>			Citations per 1000			
	Passing through: <b>67.8%</b>			18 + residents: <b>N/A</b>			
<sup>1</sup> Total citations issued by department, including multiple-citation encounters and crashes							
<b>All Stops<sup>2</sup> (N = 118)</b>				<b>ITP Stops<sup>3</sup> (N = N/A)</b>			
Mean age				Mean age			
<b>42.35</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>40.9%</b>				Female <b>N/A</b>			
Male <b>58.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.9%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>5.1%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>1.8%</b>				AA/Black <b>N/A</b>			
Hispanic <b>7.1%</b>				Hispanic <b>N/A</b>			
White <b>90.2%</b>				White <b>N/A</b>			
Other <b>0.9%</b>				Other <b>N/A</b>			
<sup>2</sup> Total unique stop incidents by department, excluding multiple-citation encounters and crashes							
<sup>3</sup> Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)							
<sup>4</sup> Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)							
<b>Comparative Analyses</b>							
<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>1.8%</b>	<b>14.5%</b>	<b>-12.7%</b>
Hispanic	<b>7.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.1%</b>	<b>15.2%</b>	<b>-8.1%</b>
White	<b>90.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>90.2%</b>	<b>65.1%</b>	<b>25.1%</b>
Other	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>
<sup>5</sup> State average represents racial/ethnic breakdown of all 2022 stops by all MA departments							
<b>VoD Analyses</b>							
<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A
<sup>6</sup> Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone							
<sup>7</sup> 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.							
<b>Citation Outcomes by Race<sup>8</sup></b>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>12.5%</b>	<b>75.0%</b>	<b>0.0%</b>	<b>12.5%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>51.0%</b>	<b>47.1%</b>	<b>2.0%</b>	<b>0.0%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .019* sig.							
<sup>8</sup> Analyzes total citations issued by department, including multiple-citation encounters and crashes							

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NAHANT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>184</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.2%</b>	Citations per 1000	
	Passing through:	<b>89.8%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 177)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>33.74</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>29.8%</b>				Female <b>N/A</b>			
Male <b>70.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>22.6%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>18.2%</b>				AA/Black <b>N/A</b>			
Hispanic <b>18.2%</b>				Hispanic <b>N/A</b>			
White <b>56.2%</b>				White <b>N/A</b>			
Other <b>7.3%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>18.2%</b>	<b>14.5%</b>	<b>3.7%</b>
Hispanic	<b>18.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.2%</b>	<b>15.2%</b>	<b>3.0%</b>
White	<b>56.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>56.2%</b>	<b>65.1%</b>	<b>-8.9%</b>
Other	<b>7.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.3%</b>	<b>5.2%</b>	<b>2.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	55	<b>42.1%</b>	<b>46.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	70	<b>57.9%</b>	<b>53.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.595	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.694	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>29.6%</b>	<b>33.3%</b>	<b>37.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>7.4%</b>	<b>29.6%</b>	<b>59.3%</b>	<b>3.7%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>50.0%</b>	<b>18.8%</b>	<b>26.3%</b>	<b>5.0%</b>			
Other	<b>40.0%</b>	<b>20.0%</b>	<b>40.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.014* <i>sig.</i>					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NANTUCKET POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>472</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>76.5%</b>	Citations per 1000	
	Passing through:	<b>23.5%</b>	18 + residents:	<b>52.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 396)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.65</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>13.8%</b>				Female <b>N/A</b>			
Male <b>86.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>13.4%</b>				AA/Black <b>N/A</b>			
Hispanic <b>2.9%</b>				Hispanic <b>N/A</b>			
White <b>83.4%</b>				White <b>N/A</b>			
Other <b>0.3%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.4%</b>	<b>7.8%</b>	<b>5.6%</b>	AA/Black	<b>13.4%</b>	<b>14.5%</b>	<b>-1.1%</b>
Hispanic	<b>2.9%</b>	<b>4.2%</b>	<b>-1.3%</b>	Hispanic	<b>2.9%</b>	<b>15.2%</b>	<b>-12.3%</b>
White	<b>83.4%</b>	<b>85.2%</b>	<b>-1.8%</b>	White	<b>83.4%</b>	<b>65.1%</b>	<b>18.3%</b>
Other	<b>0.3%</b>	<b>4.1%</b>	<b>-3.8%</b>	Other	<b>0.3%</b>	<b>5.2%</b>	<b>-4.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	58	<b>13.7%</b>	<b>27.7%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	251	<b>86.3%</b>	<b>72.3%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .410* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>15.0%</b>	<b>28.3%</b>	<b>56.7%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>8.3%</b>	<b>0.0%</b>	<b>83.3%</b>	<b>8.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>10.9%</b>	<b>35.3%</b>	<b>52.8%</b>	<b>1.1%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .091 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NATICK POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,938</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.5%</b>	Citations per 1000	
	Passing through:	<b>76.5%</b>	18 + residents:	<b>70.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,484)				ITP Stops <sup>3</sup> (N = 424)			
Mean age				Mean age			
<b>40.18</b>				<b>39.93</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>39.2%</b>			
Male <b>63.9%</b>				Male <b>60.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>12.0%</b>				AA/Black <b>12.9%</b>			
Hispanic <b>11.7%</b>				Hispanic <b>8.8%</b>			
White <b>69.4%</b>				White <b>71.2%</b>			
Other <b>7.0%</b>				Other <b>7.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>12.0%</b>	<b>1.9%</b>	<b>10.1%</b>	AA/Black	<b>12.0%</b>	<b>-2.5%</b>
Hispanic	<b>11.7%</b>	<b>4.1%</b>	<b>7.6%</b>	Hispanic	<b>11.7%</b>	<b>-3.5%</b>
White	<b>69.4%</b>	<b>78.9%</b>	<b>-9.5%</b>	White	<b>69.4%</b>	<b>4.3%</b>
Other	<b>7.0%</b>	<b>15.0%</b>	<b>-8.0%</b>	Other	<b>7.0%</b>	<b>1.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	414	<b>30.4%</b>	<b>31.9%</b>	NW	103	<b>28.4%</b>	<b>26.3%</b>	White	271	<b>71.6%</b>	<b>73.7%</b>
White	931	<b>69.6%</b>	<b>68.1%</b>	White	271	<b>71.6%</b>	<b>73.7%</b>	Chi-square, X-tab <sup>6</sup> :	.613	<i>not sig.</i>	
Chi-square, X-tab <sup>6</sup> : .613 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .927 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .661 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .927 <i>not sig.</i>								Odds ratio Exp(B) <sup>7</sup> : 1.013 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.9%</b>	<b>17.2%</b>	<b>22.0%</b>	<b>1.9%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>43.5%</b>	<b>15.9%</b>	<b>35.7%</b>	<b>4.8%</b>	White	<b>21</b>	<b>N/A</b>
White	<b>67.1%</b>	<b>17.9%</b>	<b>13.1%</b>	<b>1.9%</b>			
Other	<b>64.0%</b>	<b>27.2%</b>	<b>7.0%</b>	<b>1.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NEEDHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,397</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.2%</b>	Citations per 1000	
	Passing through:	<b>71.8%</b>	18 + residents:	<b>60.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,315)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .012* sig.				Chi-square, X-tab <sup>6</sup> : .219 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .614* sig.				Odds ratio Exp(B) <sup>7</sup> : .596 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NEW BEDFORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,197</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>74.9%</b>	Citations per 1000	
	Passing through:	<b>25.1%</b>	18 + residents:	<b>43.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,525)				ITP Stops <sup>3</sup> (N = 823)			
Mean age				Mean age			
<b>36.32</b>				<b>36.5</b>			
Gender %				Gender %			
Female		<b>37.6%</b>		Female		<b>37.5%</b>	
Male		<b>62.3%</b>		Male		<b>62.4%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.1%</b>	
Race % Mis/Unk <sup>4</sup> <b>5.0%</b>				Race % Mis/Unk <sup>4</sup> <b>3.3%</b>			
AA/Black		<b>21.6%</b>		AA/Black		<b>20.1%</b>	
Hispanic		<b>12.2%</b>		Hispanic		<b>12.3%</b>	
White		<b>65.9%</b>		White		<b>67.5%</b>	
Other		<b>0.3%</b>		Other		<b>0.1%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>21.6%</b>	<b>7.0%</b>	<b>14.6%</b>	AA/Black	<b>21.6%</b>	<b>14.5%</b>	<b>7.1%</b>
Hispanic	<b>12.2%</b>	<b>20.8%</b>	<b>-8.6%</b>	Hispanic	<b>12.2%</b>	<b>15.2%</b>	<b>-3.0%</b>
White	<b>65.9%</b>	<b>60.5%</b>	<b>5.4%</b>	White	<b>65.9%</b>	<b>65.1%</b>	<b>0.8%</b>
Other	<b>0.3%</b>	<b>6.8%</b>	<b>-6.5%</b>	Other	<b>0.3%</b>	<b>5.2%</b>	<b>-4.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	689	<b>31.1%</b>	<b>37.0%</b>	NW	225	<b>31.4%</b>	<b>32.4%</b>
White	1,371	<b>68.9%</b>	<b>63.0%</b>	White	482	<b>68.6%</b>	<b>67.6%</b>
Chi-square, X-tab <sup>6</sup> :		.006*	sig.	Chi-square, X-tab <sup>6</sup> :		.779	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.795*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.831	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.1%</b>	<b>8.7%</b>	<b>44.0%</b>	<b>10.2%</b>	NW	<b>13</b>	<b>N/A</b>
Hispanic	<b>33.8%</b>	<b>9.3%</b>	<b>47.1%</b>	<b>9.8%</b>	White	<b>17</b>	<b>N/A</b>
White	<b>51.6%</b>	<b>10.7%</b>	<b>32.3%</b>	<b>5.3%</b>			
Other	<b>9.1%</b>	<b>0.0%</b>	<b>90.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*		sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NEW BRAINTREE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>115</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.3%</b>	Citations per 1000	
	Passing through:	<b>91.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 109)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.89</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>26.6%</b>		Female		<b>N/A</b>	
Male		<b>72.5%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.9%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>0.0%</b>				<b>N/A</b>	
AA/Black		<b>4.6%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>9.2%</b>		Hispanic		<b>N/A</b>	
White		<b>84.4%</b>		White		<b>N/A</b>	
Other		<b>1.8%</b>		Other		<b>N/A</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.6%</b>	<b>14.5%</b>	<b>-9.9%</b>
Hispanic	<b>9.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.2%</b>	<b>15.2%</b>	<b>-6.0%</b>
White	<b>84.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>84.4%</b>	<b>65.1%</b>	<b>19.3%</b>
Other	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>60.0%</b>	<b>20.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>0</b>	
Hispanic	<b>54.5%</b>	<b>18.2%</b>	<b>27.3%</b>	<b>0.0%</b>	White	<b>2</b>	
White	<b>75.0%</b>	<b>10.4%</b>	<b>7.3%</b>	<b>7.3%</b>			
Other	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> : .439 not sig.						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NEW MARLBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>347</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.7%</b>	Citations per 1000	
	Passing through:	<b>88.3%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 333)				ITP Stops <sup>3</sup> (N = 178)			
Mean age				Mean age			
<b>42.25</b>				<b>42.76</b>			
Gender %				Gender %			
Female		<b>25.5%</b>		Female		<b>23.6%</b>	
Male		<b>74.5%</b>		Male		<b>76.4%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race % Mis/Unk <sup>4</sup> <b>0.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black		<b>4.5%</b>		AA/Black		<b>5.6%</b>	
Hispanic		<b>4.8%</b>		Hispanic		<b>3.4%</b>	
White		<b>89.1%</b>		White		<b>88.8%</b>	
Other		<b>1.5%</b>		Other		<b>2.2%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.5%</b>	<b>14.5%</b>	<b>-10.0%</b>
Hispanic	<b>4.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.8%</b>	<b>15.2%</b>	<b>-10.4%</b>
White	<b>89.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.1%</b>	<b>65.1%</b>	<b>24.0%</b>
Other	<b>1.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.5%</b>	<b>5.2%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	34	<b>9.7%</b>	<b>13.0%</b>	NW	18	<b>12.5%</b>	<b>8.5%</b>
White	277	<b>90.3%</b>	<b>87.0%</b>	White	145	<b>87.5%</b>	<b>91.5%</b>
Chi-square, X-tab <sup>6</sup> :		.361	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.431	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.564	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.205	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>43.8%</b>	<b>18.8%</b>	<b>25.0%</b>	<b>12.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>5.9%</b>	<b>41.2%</b>	<b>52.9%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>41.7%</b>	<b>42.3%</b>	<b>12.7%</b>	<b>3.3%</b>			
Other	<b>20.0%</b>	<b>80.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NEW SALEM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>232</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>1.3%</b>	Citations per 1000	
	Passing through:	<b>98.7%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 224)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 4.0%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	24.1%	25.7%	NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	149	75.9%	74.3%	White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .801 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NEWBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>257</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.7%</b>	Citations per 1000	
	Passing through:	<b>87.3%</b>	18 + residents:	<b>48</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 229)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.45</b>				N/A			
Gender %				Gender %			
Female <b>34.6%</b>				Female <b>N/A</b>			
Male <b>65.4%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.4%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>0.9%</b>				AA/Black <b>N/A</b>			
Hispanic <b>6.1%</b>				Hispanic <b>N/A</b>			
White <b>92.1%</b>				White <b>N/A</b>			
Other <b>0.9%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>0.9%</b>	<b>1.0%</b>	<b>-0.1%</b>	AA/Black	<b>0.9%</b>	<b>14.5%</b>	<b>-13.6%</b>
Hispanic	<b>6.1%</b>	<b>3.0%</b>	<b>3.1%</b>	Hispanic	<b>6.1%</b>	<b>15.2%</b>	<b>-9.1%</b>
White	<b>92.1%</b>	<b>92.1%</b>	<b>0.0%</b>	White	<b>92.1%</b>	<b>65.1%</b>	<b>27.0%</b>
Other	<b>0.9%</b>	<b>2.8%</b>	<b>-1.9%</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>13.3%</b>	<b>26.7%</b>	<b>60.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>42.7%</b>	<b>26.9%</b>	<b>22.6%</b>	<b>7.7%</b>			
Other	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.068	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NEWBURYPORT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>612</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.8%</b>	Citations per 1000	
	Passing through:	<b>64.2%</b>	18 + residents:	<b>42.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 567)				ITP Stops <sup>3</sup> (N = 225)			
Mean age				Mean age			
<b>41.56</b>				<b>40.92</b>			
Gender %				Gender %			
Female <b>44.4%</b>				Female <b>41.8%</b>			
Male <b>55.6%</b>				Male <b>58.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>1.4%</b>				AA/Black <b>1.8%</b>			
Hispanic <b>5.4%</b>				Hispanic <b>5.9%</b>			
White <b>93.0%</b>				White <b>92.3%</b>			
Other <b>0.2%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.4%</b>	<b>1.7%</b>	<b>-0.3%</b>	AA/Black	<b>1.4%</b>	<b>14.5%</b>	<b>-13.1%</b>
Hispanic	<b>5.4%</b>	<b>2.8%</b>	<b>2.6%</b>	Hispanic	<b>5.4%</b>	<b>15.2%</b>	<b>-9.8%</b>
White	<b>93.0%</b>	<b>92.4%</b>	<b>0.6%</b>	White	<b>93.0%</b>	<b>65.1%</b>	<b>27.9%</b>
Other	<b>0.2%</b>	<b>3.9%</b>	<b>-3.7%</b>	Other	<b>0.2%</b>	<b>5.2%</b>	<b>-5.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	37	<b>6.3%</b>	<b>9.6%</b>	NW	15	<b>6.5%</b>	<b>9.0%</b>
White	478	<b>93.7%</b>	<b>90.4%</b>	White	191	<b>93.5%</b>	<b>91.0%</b>
Chi-square, X-tab <sup>6</sup> : .200 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .521 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .621 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.023 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.0%</b>	<b>0.0%</b>	<b>30.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>42.4%</b>	<b>33.3%</b>	<b>24.2%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>62.7%</b>	<b>25.7%</b>	<b>8.8%</b>	<b>2.9%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .026* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NEWTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,502</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>39.4%</b>	Citations per 1000	
	Passing through:	<b>60.6%</b>	18 + residents:	<b>36.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,382)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 4.9%				Race % Mis/Unk <sup>4</sup> 3.0%			
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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .014* sig.				Chi-square, X-tab <sup>6</sup> : .428 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .729* sig.				Odds ratio Exp(B) <sup>7</sup> : .838 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT NORFOLK POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>1,135</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.1%</b>	Citations per 1000	
	Passing through:	<b>81.9%</b>	18 + residents:	<b>120.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,084)				ITP Stops <sup>3</sup> (N = 448)			
Mean age				Mean age			
<b>37.36</b>				<b>37.07</b>			
Gender %				Gender %			
Female <b>29.9%</b>				Female <b>29.7%</b>			
Male <b>69.9%</b>				Male <b>70.0%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.0%</b>				Race % Mis/Unk <sup>4</sup> <b>3.8%</b>			
AA/Black <b>7.9%</b>				AA/Black <b>5.3%</b>			
Hispanic <b>9.2%</b>				Hispanic <b>10.9%</b>			
White <b>79.4%</b>				White <b>80.0%</b>			
Other <b>3.5%</b>				Other <b>3.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.9%</b>	<b>7.4%</b>	<b>0.5%</b>	AA/Black	<b>7.9%</b>	<b>14.5%</b>	<b>-6.6%</b>
Hispanic	<b>9.2%</b>	<b>7.6%</b>	<b>1.6%</b>	Hispanic	<b>9.2%</b>	<b>15.2%</b>	<b>-6.0%</b>
White	<b>79.4%</b>	<b>83.2%</b>	<b>-3.8%</b>	White	<b>79.4%</b>	<b>65.1%</b>	<b>14.3%</b>
Other	<b>3.5%</b>	<b>3.1%</b>	<b>0.4%</b>	Other	<b>3.5%</b>	<b>5.2%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	209	<b>19.7%</b>	<b>24.6%</b>	NW	80	<b>19.6%</b>	<b>25.0%</b>
White	787	<b>80.3%</b>	<b>75.4%</b>	White	298	<b>80.4%</b>	<b>75.0%</b>
Chi-square, X-tab <sup>6</sup> :		.090	not sig.	Chi-square, X-tab <sup>6</sup> :		.248	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.893	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.916	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>46.4%</b>	<b>10.7%</b>	<b>29.8%</b>	<b>13.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>30.5%</b>	<b>7.6%</b>	<b>37.1%</b>	<b>24.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>73.8%</b>	<b>11.2%</b>	<b>9.3%</b>	<b>5.7%</b>			
Other	<b>82.5%</b>	<b>5.0%</b>	<b>10.0%</b>	<b>2.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTH ADAMS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>432</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>57.8%</b>	Citations per 1000	
	Passing through:	<b>42.2%</b>	18 + residents:	<b>41.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 341)				ITP Stops <sup>3</sup> (N = 111)			
Mean age				Mean age			
<b>39.03</b>				<b>39.68</b>			
Gender %				Gender %			
Female <b>44.3%</b>				Female <b>45.5%</b>			
Male <b>55.7%</b>				Male <b>54.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>8.2%</b>				AA/Black <b>6.4%</b>			
Hispanic <b>0.9%</b>				Hispanic <b>0.0%</b>			
White <b>90.6%</b>				White <b>92.7%</b>			
Other <b>0.3%</b>				Other <b>0.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>8.2%</b>	<b>1.7%</b>	<b>6.5%</b>	AA/Black	<b>8.2%</b>	<b>14.5%</b> <b>-6.3%</b>
Hispanic	<b>0.9%</b>	<b>6.6%</b>	<b>-5.7%</b>	Hispanic	<b>0.9%</b>	<b>15.2%</b> <b>-14.3%</b>
White	<b>90.6%</b>	<b>86.0%</b>	<b>4.6%</b>	White	<b>90.6%</b>	<b>65.1%</b> <b>25.5%</b>
Other	<b>0.3%</b>	<b>6.9%</b>	<b>-6.6%</b>	Other	<b>0.3%</b>	<b>5.2%</b> <b>-4.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	25	<b>6.3%</b>	<b>12.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	262	<b>93.7%</b>	<b>87.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.069	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.472	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>26.5%</b>	<b>5.9%</b>	<b>58.8%</b>	<b>8.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>54.6%</b>	<b>6.8%</b>	<b>32.8%</b>	<b>5.8%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.164	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTH ANDOVER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>707</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.5%</b>	Citations per 1000	
	Passing through:	<b>72.5%</b>	18 + residents:	<b>29.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 673)				ITP Stops <sup>3</sup> (N = 176)			
Mean age				Mean age			
<b>36.52</b>				<b>38.46</b>			
Gender %				Gender %			
Female <b>34.6%</b>				Female <b>35.3%</b>			
Male <b>65.4%</b>				Male <b>64.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>8.1%</b>				AA/Black <b>4.7%</b>			
Hispanic <b>26.2%</b>				Hispanic <b>25.7%</b>			
White <b>62.0%</b>				White <b>67.8%</b>			
Other <b>3.7%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.1%</b>	<b>3.6%</b>	<b>4.5%</b>	AA/Black	<b>8.1%</b>	<b>14.5%</b>	<b>-6.4%</b>
Hispanic	<b>26.2%</b>	<b>7.6%</b>	<b>18.6%</b>	Hispanic	<b>26.2%</b>	<b>15.2%</b>	<b>11.0%</b>
White	<b>62.0%</b>	<b>81.1%</b>	<b>-19.1%</b>	White	<b>62.0%</b>	<b>65.1%</b>	<b>-3.1%</b>
Other	<b>3.7%</b>	<b>8.5%</b>	<b>-4.8%</b>	Other	<b>3.7%</b>	<b>5.2%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	232	<b>34.3%</b>	<b>50.0%</b>	NW	49	<b>31.7%</b>	<b>33.3%</b>
White	379	<b>65.7%</b>	<b>50.0%</b>	White	104	<b>68.3%</b>	<b>66.7%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .873 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .580* sig.				Odds ratio Exp(B) <sup>7</sup> : 2.196 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.3%</b>	<b>22.6%</b>	<b>11.3%</b>	<b>3.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.6%</b>	<b>22.8%</b>	<b>14.4%</b>	<b>2.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>65.2%</b>	<b>20.9%</b>	<b>11.6%</b>	<b>2.3%</b>			
Other	<b>66.7%</b>	<b>20.8%</b>	<b>12.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .976 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTH ATTLEBORO POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,140</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.5%</b>	Citations per 1000	
	Passing through:	<b>62.5%</b>	18 + residents:	<b>51</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 898)				ITP Stops <sup>3</sup> (N = 379)			
Mean age				Mean age			
<b>37.28</b>				<b>37.61</b>			
Gender %				Gender %			
Female <b>40.3%</b>				Female <b>42.7%</b>			
Male <b>59.6%</b>				Male <b>57.3%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.1%</b>				Race % Mis/Unk <sup>4</sup> <b>6.9%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>9.9%</b>			
Hispanic <b>8.1%</b>				Hispanic <b>6.5%</b>			
White <b>78.2%</b>				White <b>82.4%</b>			
Other <b>2.4%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.3%</b>	<b>2.0%</b>	<b>9.3%</b>	AA/Black	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
Hispanic	<b>8.1%</b>	<b>5.6%</b>	<b>2.5%</b>	Hispanic	<b>8.1%</b>	<b>15.2%</b>	<b>-7.1%</b>
White	<b>78.2%</b>	<b>84.2%</b>	<b>-6.0%</b>	White	<b>78.2%</b>	<b>65.1%</b>	<b>13.1%</b>
Other	<b>2.4%</b>	<b>9.1%</b>	<b>-6.7%</b>	Other	<b>2.4%</b>	<b>5.2%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	169	<b>20.3%</b>	<b>26.2%</b>	NW	61	<b>18.9%</b>	<b>21.5%</b>
White	573	<b>79.7%</b>	<b>73.8%</b>	White	243	<b>81.1%</b>	<b>78.5%</b>
Chi-square, X-tab <sup>6</sup> :		.058	not sig.	Chi-square, X-tab <sup>6</sup> :		.582	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.697	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.643	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>37.7%</b>	<b>27.9%</b>	<b>30.3%</b>	<b>4.1%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>36.4%</b>	<b>27.3%</b>	<b>32.5%</b>	<b>3.9%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>52.1%</b>	<b>25.2%</b>	<b>18.1%</b>	<b>4.6%</b>			
Other	<b>63.0%</b>	<b>18.5%</b>	<b>18.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.005*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTH READING POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>313</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.7%</b>	Citations per 1000	
	Passing through:	<b>76.4%</b>	18 + residents:	<b>25.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 271)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.91</b>				N/A			
Gender %				Gender %			
Female <b>29.6%</b>				Female <b>N/A</b>			
Male <b>70.4%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>4.8%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.3%</b>				AA/Black <b>N/A</b>			
Hispanic <b>12.8%</b>				Hispanic <b>N/A</b>			
White <b>79.8%</b>				White <b>N/A</b>			
Other <b>3.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>1.3%</b>	<b>3.0%</b>	AA/Black	<b>4.3%</b>	<b>14.5%</b>	<b>-10.2%</b>
Hispanic	<b>12.8%</b>	<b>2.0%</b>	<b>10.8%</b>	Hispanic	<b>12.8%</b>	<b>15.2%</b>	<b>-2.4%</b>
White	<b>79.8%</b>	<b>89.3%</b>	<b>-9.5%</b>	White	<b>79.8%</b>	<b>65.1%</b>	<b>14.7%</b>
Other	<b>3.1%</b>	<b>7.0%</b>	<b>-3.9%</b>	Other	<b>3.1%</b>	<b>5.2%</b>	<b>-2.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	50	<b>18.3%</b>	<b>27.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	192	<b>81.7%</b>	<b>72.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .128 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .594 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>45.5%</b>	<b>9.1%</b>	<b>45.5%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>27.8%</b>	<b>5.6%</b>	<b>61.1%</b>	<b>5.6%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>57.6%</b>	<b>13.9%</b>	<b>24.1%</b>	<b>4.5%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .002* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTHAMPTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,241</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.9%</b>	Citations per 1000	
	Passing through:	<b>72.1%</b>	18 + residents:	<b>93.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,043)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.0%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .021* sig.			
Odds ratio Exp(B) <sup>7</sup> : .540* sig.				Odds ratio Exp(B) <sup>7</sup> : .660 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTHBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,513</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.7%</b>	Citations per 1000	
	Passing through:	<b>81.3%</b>	18 + residents:	<b>304.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,346)				ITP Stops <sup>3</sup> (N = 1,047)			
Mean age				Mean age			
<b>38.45</b>				<b>38.28</b>			
Gender %				Gender %			
Female <b>41.6%</b>				Female <b>42.6%</b>			
Male <b>58.3%</b>				Male <b>57.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.2%</b>			
AA/Black <b>8.6%</b>				AA/Black <b>8.5%</b>			
Hispanic <b>12.0%</b>				Hispanic <b>11.9%</b>			
White <b>67.5%</b>				White <b>65.0%</b>			
Other <b>12.0%</b>				Other <b>14.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>8.6%</b>	<b>3.2%</b>	<b>5.4%</b>	AA/Black	<b>8.6%</b>	<b>14.5%</b> <b>-5.9%</b>
Hispanic	<b>12.0%</b>	<b>2.7%</b>	<b>9.3%</b>	Hispanic	<b>12.0%</b>	<b>15.2%</b> <b>-3.2%</b>
White	<b>67.5%</b>	<b>82.7%</b>	<b>-15.2%</b>	White	<b>67.5%</b>	<b>65.1%</b> <b>2.4%</b>
Other	<b>12.0%</b>	<b>11.6%</b>	<b>0.4%</b>	Other	<b>12.0%</b>	<b>5.2%</b> <b>6.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,025	<b>27.0%</b>	<b>48.4%</b>	NW	319	<b>31.9%</b>	<b>40.6%</b>
White	2,139	<b>73.0%</b>	<b>51.6%</b>	White	599	<b>68.1%</b>	<b>59.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .010* sig			
Odds ratio Exp(B) <sup>7</sup> : .407* sig.				Odds ratio Exp(B) <sup>7</sup> : .799 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.4%</b>	<b>15.5%</b>	<b>13.5%</b>	<b>0.7%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>69.1%</b>	<b>14.7%</b>	<b>14.3%</b>	<b>1.9%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>79.8%</b>	<b>15.0%</b>	<b>3.9%</b>	<b>1.3%</b>			
Other	<b>81.9%</b>	<b>15.4%</b>	<b>2.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTHBRIDGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,341</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.6%</b>	Citations per 1000	
	Passing through:	<b>83.4%</b>	18 + residents:	<b>104.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,287)				ITP Stops <sup>3</sup> (N = 592)			
Mean age				Mean age			
<b>37.13</b>				<b>36.99</b>			
Gender %				Gender %			
Female <b>36.6%</b>				Female <b>35.6%</b>			
Male <b>63.3%</b>				Male <b>64.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>5.7%</b>			
AA/Black <b>6.2%</b>				AA/Black <b>6.3%</b>			
Hispanic <b>7.3%</b>				Hispanic <b>7.7%</b>			
White <b>84.6%</b>				White <b>84.4%</b>			
Other <b>1.9%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.2%</b>	<b>2.0%</b>	<b>4.2%</b>	AA/Black	<b>6.2%</b>	<b>14.5%</b>	<b>-8.3%</b>
Hispanic	<b>7.3%</b>	<b>6.2%</b>	<b>1.1%</b>	Hispanic	<b>7.3%</b>	<b>15.2%</b>	<b>-7.9%</b>
White	<b>84.6%</b>	<b>87.4%</b>	<b>-2.8%</b>	White	<b>84.6%</b>	<b>65.1%</b>	<b>19.5%</b>
Other	<b>1.9%</b>	<b>5.3%</b>	<b>-3.4%</b>	Other	<b>1.9%</b>	<b>5.2%</b>	<b>-3.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	169	<b>10.8%</b>	<b>18.4%</b>	NW	67	<b>16.6%</b>	<b>12.3%</b>
White	970	<b>89.2%</b>	<b>81.6%</b>	White	402	<b>83.4%</b>	<b>87.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .186 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .527* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.644 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.0%</b>	<b>5.2%</b>	<b>13.0%</b>	<b>7.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>72.0%</b>	<b>5.4%</b>	<b>18.3%</b>	<b>4.3%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>86.3%</b>	<b>3.4%</b>	<b>5.7%</b>	<b>4.6%</b>			
Other	<b>96.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>4.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTHFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>364</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.6%</b>	Citations per 1000	
	Passing through:	<b>89.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 348)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>38.31</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>30.8%</b>				Female <b>N/A</b>			
Male <b>69.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>2.9%</b>				AA/Black <b>N/A</b>			
Hispanic <b>4.6%</b>				Hispanic <b>N/A</b>			
White <b>89.3%</b>				White <b>N/A</b>			
Other <b>3.2%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.9%</b>	<b>14.5%</b>	<b>-11.6%</b>
Hispanic	<b>4.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.6%</b>	<b>15.2%</b>	<b>-10.6%</b>
White	<b>89.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>89.3%</b>	<b>65.1%</b>	<b>24.2%</b>
Other	<b>3.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.2%</b>	<b>5.2%</b>	<b>-2.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	35	<b>9.8%</b>	<b>14.1%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	295	<b>90.2%</b>	<b>85.9%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.317	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.636	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>20.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>76.5%</b>	<b>11.8%</b>	<b>11.8%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>72.5%</b>	<b>16.0%</b>	<b>9.0%</b>	<b>2.5%</b>			
Other	<b>75.0%</b>	<b>16.7%</b>	<b>8.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.968	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>230</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.1%</b>	Citations per 1000	
	Passing through:	<b>72.9%</b>	18 + residents:	<b>14</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 188)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.67</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>35.8%</b>				Female <b>N/A</b>			
Male <b>64.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>9.8%</b>				AA/Black <b>N/A</b>			
Hispanic <b>6.0%</b>				Hispanic <b>N/A</b>			
White <b>82.0%</b>				White <b>N/A</b>			
Other <b>2.2%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>9.8%</b>	<b>4.1%</b>	<b>5.7%</b>	AA/Black	<b>9.8%</b>	<b>14.5%</b> <b>-4.7%</b>
Hispanic	<b>6.0%</b>	<b>2.7%</b>	<b>3.3%</b>	Hispanic	<b>6.0%</b>	<b>15.2%</b> <b>-9.2%</b>
White	<b>82.0%</b>	<b>90.3%</b>	<b>-8.3%</b>	White	<b>82.0%</b>	<b>65.1%</b> <b>16.9%</b>
Other	<b>2.2%</b>	<b>3.0%</b>	<b>-0.8%</b>	Other	<b>2.2%</b>	<b>5.2%</b> <b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	28	<b>18.0%</b>	<b>17.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	130	<b>82.0%</b>	<b>82.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.904	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.954	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>47.8%</b>	<b>13.0%</b>	<b>30.4%</b>	<b>8.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>5.6%</b>	<b>38.9%</b>	<b>22.2%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>60.3%</b>	<b>12.8%</b>	<b>16.8%</b>	<b>10.1%</b>			
Other	<b>60.0%</b>	<b>20.0%</b>	<b>0.0%</b>	<b>20.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.182	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORWELL POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>281</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>34.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 252)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.85</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>48.2%</b>				Female <b>N/A</b>			
Male <b>51.8%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>7.1%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>5.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.8%</b>				Hispanic <b>N/A</b>			
White <b>89.7%</b>				White <b>N/A</b>			
Other <b>1.3%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.1%</b>	<b>0.3%</b>	<b>4.8%</b>	AA/Black	<b>5.1%</b>	<b>14.5%</b>	<b>-9.4%</b>
Hispanic	<b>3.8%</b>	<b>2.3%</b>	<b>1.5%</b>	Hispanic	<b>3.8%</b>	<b>15.2%</b>	<b>-11.4%</b>
White	<b>89.7%</b>	<b>94.5%</b>	<b>-4.8%</b>	White	<b>89.7%</b>	<b>65.1%</b>	<b>24.6%</b>
Other	<b>1.3%</b>	<b>2.7%</b>	<b>-1.4%</b>	Other	<b>1.3%</b>	<b>5.2%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	23	<b>9.6%</b>	<b>11.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	207	<b>90.4%</b>	<b>88.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .715 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 1.172 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>30.8%</b>	<b>23.1%</b>	<b>38.5%</b>	<b>7.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>15.4%</b>	<b>0.0%</b>	<b>76.9%</b>	<b>7.7%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>71.9%</b>	<b>13.0%</b>	<b>13.9%</b>	<b>1.3%</b>			
Other	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
NORWOOD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>4,530</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.1%</b>	Citations per 1000	
	Passing through:	<b>67.9%</b>	18 + residents:	<b>190</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,393)				ITP Stops <sup>3</sup> (N = 1,750)			
Mean age				Mean age			
<b>41.83</b>				<b>41.44</b>			
Gender %				Gender %			
Female <b>39.0%</b>				Female <b>38.9%</b>			
Male <b>61.0%</b>				Male <b>61.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>17.2%</b>				AA/Black <b>15.7%</b>			
Hispanic <b>9.8%</b>				Hispanic <b>10.6%</b>			
White <b>64.9%</b>				White <b>65.1%</b>			
Other <b>8.1%</b>				Other <b>8.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.2%</b>	<b>7.2%</b>	<b>10.0%</b>	AA/Black	<b>17.2%</b>	<b>14.5%</b>	<b>2.7%</b>
Hispanic	<b>9.8%</b>	<b>6.8%</b>	<b>3.0%</b>	Hispanic	<b>9.8%</b>	<b>15.2%</b>	<b>-5.4%</b>
White	<b>64.9%</b>	<b>80.4%</b>	<b>-15.5%</b>	White	<b>64.9%</b>	<b>65.1%</b>	<b>-0.2%</b>
Other	<b>8.1%</b>	<b>7.1%</b>	<b>1.0%</b>	Other	<b>8.1%</b>	<b>5.2%</b>	<b>2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,446	<b>29.7%</b>	<b>44.7%</b>	NW	524	<b>33.1%</b>	<b>36.8%</b>
White	2,702	<b>70.3%</b>	<b>55.3%</b>	White	1,001	<b>66.9%</b>	<b>63.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .146 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .518* sig.				Odds ratio Exp(B) <sup>7</sup> : .802 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.8%</b>	<b>8.8%</b>	<b>7.1%</b>	<b>2.3%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>74.3%</b>	<b>9.2%</b>	<b>13.6%</b>	<b>2.9%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>94.5%</b>	<b>11.0%</b>	<b>3.1%</b>	<b>1.4%</b>			
Other	<b>86.0%</b>	<b>11.0%</b>	<b>2.2%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
OAK BLUFFS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>290</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.9%</b>	Citations per 1000	
	Passing through:	<b>76.1%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 223)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>39.01</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>24.4%</b>				Female <b>N/A</b>			
Male <b>75.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>13.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>0.9%</b>				Hispanic <b>N/A</b>			
White <b>85.5%</b>				White <b>N/A</b>			
Other <b>0.5%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>13.1%</b>	<b>14.5%</b>	<b>-1.4%</b>
Hispanic	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.9%</b>	<b>15.2%</b>	<b>-14.3%</b>
White	<b>85.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.5%</b>	<b>65.1%</b>	<b>20.4%</b>
Other	<b>0.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	28	<b>10.8%</b>	<b>19.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	175	<b>89.2%</b>	<b>80.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.095	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.510	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>17.9%</b>	<b>23.1%</b>	<b>43.6%</b>	<b>15.4%</b>	NW	<b>0</b>
Hispanic	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>11</b>
White	<b>22.1%</b>	<b>17.9%</b>	<b>41.7%</b>	<b>18.3%</b>		
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.277	<i>not sig.</i>		Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
OAKHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>296</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.1%</b>	Citations per 1000	
	Passing through:	<b>91.9%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 295)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.32</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>44.1%</b>				Female <b>N/A</b>			
Male <b>55.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.3%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>6.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>5.6%</b>				Hispanic <b>N/A</b>			
White <b>85.6%</b>				White <b>N/A</b>			
Other <b>2.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.7%</b>	<b>14.5%</b>	<b>-7.8%</b>
Hispanic	<b>5.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.6%</b>	<b>15.2%</b>	<b>-9.6%</b>
White	<b>85.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.6%</b>	<b>65.1%</b>	<b>20.5%</b>
Other	<b>2.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.1%</b>	<b>5.2%</b>	<b>-3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>73.7%</b>	<b>10.5%</b>	<b>15.8%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>37.5%</b>	<b>18.8%</b>	<b>43.8%</b>	<b>0.0%</b>	White	<b>3</b>
White	<b>68.7%</b>	<b>16.0%</b>	<b>13.6%</b>	<b>1.6%</b>		
Other	<b>50.0%</b>	<b>50.0%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.038* sig.				
					Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ORANGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>303</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.2%</b>	Citations per 1000	
	Passing through:	<b>61.8%</b>	18 + residents:	<b>49.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 262)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.3%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .180 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .362 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .565 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ORLEANS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>123</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.7%</b>	Citations per 1000	
	Passing through:	<b>74.3%</b>	18 + residents:	<b>25</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 70)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.9%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	75.0%	0.0%	25.0%	0.0%	NW	0
Hispanic	33.3%	0.0%	66.7%	0.0%	White	1
White	48.6%	6.5%	26.2%	18.7%		
Other	0.0%	100.0%	0.0%	0.0%	Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.020*	sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
OXFORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>751</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.8%</b>	Citations per 1000	
	Passing through:	<b>77.2%</b>	18 + residents:	<b>68.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 661)				ITP Stops <sup>3</sup> (N = 255)			
Mean age				Mean age			
<b>37.23</b>				<b>36.41</b>			
Gender %				Gender %			
Female <b>39.8%</b>				Female <b>34.9%</b>			
Male <b>60.2%</b>				Male <b>65.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>4.7%</b>			
AA/Black <b>5.0%</b>				AA/Black <b>5.3%</b>			
Hispanic <b>6.9%</b>				Hispanic <b>5.8%</b>			
White <b>86.2%</b>				White <b>86.4%</b>			
Other <b>1.9%</b>				Other <b>2.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.0%</b>	<b>2.0%</b>	<b>3.0%</b>	AA/Black	<b>5.0%</b>	<b>14.5%</b>	<b>-9.5%</b>
Hispanic	<b>6.9%</b>	<b>5.6%</b>	<b>1.3%</b>	Hispanic	<b>6.9%</b>	<b>15.2%</b>	<b>-8.3%</b>
White	<b>86.2%</b>	<b>87.9%</b>	<b>-1.7%</b>	White	<b>86.2%</b>	<b>65.1%</b>	<b>21.1%</b>
Other	<b>1.9%</b>	<b>5.9%</b>	<b>-4.0%</b>	Other	<b>1.9%</b>	<b>5.2%</b>	<b>-3.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	80	<b>8.6%</b>	<b>22.2%</b>	NW	28	<b>7.0%</b>	<b>22.1%</b>
White	523	<b>91.4%</b>	<b>77.8%</b>	White	187	<b>93.0%</b>	<b>77.9%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.001*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.282*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.070*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.1%</b>	<b>8.1%</b>	<b>29.7%</b>	<b>8.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.4%</b>	<b>5.7%</b>	<b>28.3%</b>	<b>5.7%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>74.3%</b>	<b>10.0%</b>	<b>10.5%</b>	<b>5.3%</b>			
Other	<b>85.7%</b>	<b>0.0%</b>	<b>7.1%</b>	<b>7.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PALMER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>773</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.8%</b>	Citations per 1000	
	Passing through:	<b>83.2%</b>	18 + residents:	<b>77.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 612)				ITP Stops <sup>3</sup> (N = 300)			
Mean age				Mean age			
<b>38.67</b>				<b>39.38</b>			
Gender %				Gender %			
Female <b>36.5%</b>				Female <b>38.6%</b>			
Male <b>63.4%</b>				Male <b>61.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>10.1%</b>				AA/Black <b>6.1%</b>			
Hispanic <b>6.6%</b>				Hispanic <b>7.5%</b>			
White <b>81.5%</b>				White <b>84.4%</b>			
Other <b>1.8%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.1%</b>	<b>2.2%</b>	<b>7.9%</b>	AA/Black	<b>10.1%</b>	<b>14.5%</b>	<b>-4.4%</b>
Hispanic	<b>6.6%</b>	<b>4.5%</b>	<b>2.1%</b>	Hispanic	<b>6.6%</b>	<b>15.2%</b>	<b>-8.6%</b>
White	<b>81.5%</b>	<b>87.4%</b>	<b>-5.9%</b>	White	<b>81.5%</b>	<b>65.1%</b>	<b>16.4%</b>
Other	<b>1.8%</b>	<b>7.1%</b>	<b>-5.3%</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	98	<b>15.3%</b>	<b>21.5%</b>	NW	38	<b>13.7%</b>	<b>14.9%</b>
White	440	<b>84.7%</b>	<b>78.5%</b>	White	229	<b>86.3%</b>	<b>85.1%</b>
Chi-square, X-tab <sup>6</sup> : .064 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .784 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .657 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .768 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>35.3%</b>	<b>10.3%</b>	<b>41.2%</b>	<b>13.2%</b>	NW	<b>1</b>
Hispanic	<b>23.5%</b>	<b>5.9%</b>	<b>54.9%</b>	<b>15.7%</b>	White	<b>13</b>
White	<b>57.6%</b>	<b>6.1%</b>	<b>23.9%</b>	<b>12.3%</b>		
Other	<b>55.6%</b>	<b>0.0%</b>	<b>27.8%</b>	<b>16.7%</b>		
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>						
					Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PAXTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,348</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.6%</b>	Citations per 1000	
	Passing through:	<b>91.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,340)				ITP Stops <sup>3</sup> (N = 432)			
Mean age				Mean age			
<b>36.6</b>				<b>37.32</b>			
Gender %				Gender %			
Female		<b>42.4%</b>		Female		<b>41.6%</b>	
Male		<b>57.4%</b>		Male		<b>58.1%</b>	
Non-binary		<b>0.2%</b>		Non-binary		<b>0.2%</b>	
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black		<b>9.7%</b>		AA/Black		<b>6.9%</b>	
Hispanic		<b>11.4%</b>		Hispanic		<b>9.5%</b>	
White		<b>76.9%</b>		White		<b>82.7%</b>	
Other		<b>2.0%</b>		Other		<b>1.0%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.7%</b>	<b>14.5%</b>	<b>-4.8%</b>
Hispanic	<b>11.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.4%</b>	<b>15.2%</b>	<b>-3.8%</b>
White	<b>76.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>76.9%</b>	<b>65.1%</b>	<b>11.8%</b>
Other	<b>2.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	297	<b>21.1%</b>	<b>30.7%</b>	NW	68	<b>18.8%</b>	<b>15.9%</b>
White	966	<b>78.9%</b>	<b>69.3%</b>	White	308	<b>81.3%</b>	<b>84.1%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.545	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.634*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.853	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.2%</b>	<b>9.8%</b>	<b>21.2%</b>	<b>3.8%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>51.7%</b>	<b>17.2%</b>	<b>27.2%</b>	<b>4.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>75.2%</b>	<b>15.7%</b>	<b>7.9%</b>	<b>1.1%</b>			
Other	<b>76.9%</b>	<b>19.2%</b>	<b>3.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PEABODY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,846</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.6%</b>	Citations per 1000	
	Passing through:	<b>62.4%</b>	18 + residents:	<b>42</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,683)				ITP Stops <sup>3</sup> (N = 396)			
Mean age				Mean age			
<b>39.21</b>				<b>37.99</b>			
Gender %				Gender %			
Female		<b>34.5%</b>		Female		<b>27.8%</b>	
Male		<b>65.5%</b>		Male		<b>72.2%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black		<b>6.7%</b>		AA/Black		<b>5.9%</b>	
Hispanic		<b>17.8%</b>		Hispanic		<b>17.3%</b>	
White		<b>73.4%</b>		White		<b>75.2%</b>	
Other		<b>2.2%</b>		Other		<b>1.6%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.7%</b>	<b>3.8%</b>	<b>2.9%</b>	AA/Black	<b>6.7%</b>	<b>14.5%</b>	<b>-7.8%</b>
Hispanic	<b>17.8%</b>	<b>9.9%</b>	<b>7.9%</b>	Hispanic	<b>17.8%</b>	<b>15.2%</b>	<b>2.6%</b>
White	<b>73.4%</b>	<b>82.7%</b>	<b>-9.3%</b>	White	<b>73.4%</b>	<b>65.1%</b>	<b>8.3%</b>
Other	<b>2.2%</b>	<b>4.2%</b>	<b>-2.0%</b>	Other	<b>2.2%</b>	<b>5.2%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	418	<b>26.1%</b>	<b>28.0%</b>	NW	84	<b>25.7%</b>	<b>22.6%</b>
White	1,151	<b>73.9%</b>	<b>72.0%</b>	White	264	<b>74.3%</b>	<b>77.4%</b>
Chi-square, X-tab <sup>6</sup> :		.464	sig.	Chi-square, X-tab <sup>6</sup> :		.495	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.970	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.022	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>51.2%</b>	<b>11.6%</b>	<b>32.2%</b>	<b>5.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>29.9%</b>	<b>15.9%</b>	<b>46.1%</b>	<b>8.1%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>53.1%</b>	<b>15.4%</b>	<b>24.6%</b>	<b>6.9%</b>			
Other	<b>55.6%</b>	<b>19.4%</b>	<b>16.7%</b>	<b>8.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*		sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PELHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>205</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>10.4%</b>	Citations per 1000	
	Passing through:	<b>89.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 202)				ITP Stops <sup>3</sup> (N = 105)			
Mean age				Mean age			
<b>36.56</b>				<b>35.93</b>			
Gender %				Gender %			
Female <b>35.1%</b>				Female <b>34.3%</b>			
Male <b>63.4%</b>				Male <b>63.8%</b>			
Non-binary <b>1.5%</b>				Non-binary <b>1.9%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.4%</b>				Race % Mis/Unk <sup>4</sup> <b>5.7%</b>			
AA/Black <b>4.8%</b>				AA/Black <b>5.1%</b>			
Hispanic <b>7.5%</b>				Hispanic <b>11.1%</b>			
White <b>82.4%</b>				White <b>77.8%</b>			
Other <b>5.3%</b>				Other <b>6.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.8%</b>	<b>14.5%</b>	<b>-9.7%</b>
Hispanic	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.5%</b>	<b>15.2%</b>	<b>-7.7%</b>
White	<b>82.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>82.4%</b>	<b>65.1%</b>	<b>17.3%</b>
Other	<b>5.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.3%</b>	<b>5.2%</b>	<b>0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	31	<b>16.9%</b>	<b>19.0%</b>	NW	21	<b>23.9%</b>	<b>17.9%</b>
White	147	<b>83.1%</b>	<b>81.0%</b>	White	74	<b>76.1%</b>	<b>82.1%</b>
Chi-square, X-tab <sup>6</sup> : .750 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .519 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .891 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.526 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.6%</b>	<b>11.1%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>40.0%</b>	<b>0.0%</b>	<b>60.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>69.7%</b>	<b>10.3%</b>	<b>20.0%</b>	<b>0.0%</b>			
Other	<b>70.0%</b>	<b>20.0%</b>	<b>0.0%</b>	<b>10.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PEMBROKE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>353</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>41.2%</b>	Citations per 1000	
	Passing through:	<b>58.8%</b>	18 + residents:	<b>24.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 328)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>36.56</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>33.7%</b>				Female <b>N/A</b>			
Male <b>66.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>5.1%</b>				AA/Black <b>N/A</b>			
Hispanic <b>0.0%</b>				Hispanic <b>N/A</b>			
White <b>94.3%</b>				White <b>N/A</b>			
Other <b>0.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.1%</b>	<b>0.6%</b>	<b>4.5%</b>	AA/Black	<b>5.1%</b>	<b>14.5%</b>	<b>-9.4%</b>
Hispanic	<b>0.0%</b>	<b>1.5%</b>	<b>-1.5%</b>	Hispanic	<b>0.0%</b>	<b>15.2%</b>	<b>-15.2%</b>
White	<b>94.3%</b>	<b>93.5%</b>	<b>0.8%</b>	White	<b>94.3%</b>	<b>65.1%</b>	<b>29.2%</b>
Other	<b>0.6%</b>	<b>3.7%</b>	<b>-3.1%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>25.0%</b>	<b>18.8%</b>	<b>50.0%</b>	<b>6.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>47.7%</b>	<b>28.3%</b>	<b>21.8%</b>	<b>2.2%</b>			
Other	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.034* sig.					

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PEPPERELL POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>159</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>39.8%</b>	Citations per 1000	
	Passing through:	<b>60.2%</b>	18 + residents:	<b>16.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 128)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>33.68</b>				N/A			
Gender %				Gender %			
Female <b>26.6%</b>				Female <b>N/A</b>			
Male <b>73.4%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.9%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>3.3%</b>				AA/Black <b>N/A</b>			
Hispanic <b>4.1%</b>				Hispanic <b>N/A</b>			
White <b>91.9%</b>				White <b>N/A</b>			
Other <b>0.8%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.3%</b>	<b>0.8%</b>	<b>2.5%</b>	AA/Black	<b>3.3%</b>	<b>14.5%</b>	<b>-11.2%</b>
Hispanic	<b>4.1%</b>	<b>2.0%</b>	<b>2.1%</b>	Hispanic	<b>4.1%</b>	<b>15.2%</b>	<b>-11.1%</b>
White	<b>91.9%</b>	<b>93.0%</b>	<b>-1.1%</b>	White	<b>91.9%</b>	<b>65.1%</b>	<b>26.8%</b>
Other	<b>0.8%</b>	<b>4.1%</b>	<b>-3.3%</b>	Other	<b>0.8%</b>	<b>5.2%</b>	<b>-4.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>14.3%</b>	<b>0.0%</b>	<b>71.4%</b>	<b>14.3%</b>	NW	<b>0</b>
Hispanic	<b>33.3%</b>	<b>16.7%</b>	<b>33.3%</b>	<b>16.7%</b>	White	<b>4</b>
White	<b>41.0%</b>	<b>12.2%</b>	<b>33.1%</b>	<b>13.7%</b>		
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.268	not sig.		Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PETERSHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>239</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>3.0%</b>	Citations per 1000	
	Passing through:	<b>97.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 235)				ITP Stops <sup>3</sup> (N = 119)			
Mean age				Mean age			
<b>41.35</b>				<b>40.54</b>			
Gender %				Gender %			
Female <b>37.9%</b>				Female <b>31.1%</b>			
Male <b>62.1%</b>				Male <b>68.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.1%</b>				Race % Mis/Unk <sup>4</sup> <b>3.4%</b>			
AA/Black <b>7.0%</b>				AA/Black <b>9.6%</b>			
Hispanic <b>0.4%</b>				Hispanic <b>0.9%</b>			
White <b>92.2%</b>				White <b>89.6%</b>			
Other <b>0.4%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.0%</b>	<b>14.5%</b>	<b>-7.5%</b>
Hispanic	<b>0.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.4%</b>	<b>15.2%</b>	<b>-14.8%</b>
White	<b>92.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>92.2%</b>	<b>65.1%</b>	<b>27.1%</b>
Other	<b>0.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.4%</b>	<b>5.2%</b>	<b>-4.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>50.0%</b>	<b>31.3%</b>	<b>18.8%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>1</b>
White	<b>62.1%</b>	<b>32.7%</b>	<b>3.7%</b>	<b>1.4%</b>		
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.000*	sig.		Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PITTSFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,352</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>60.8%</b>	Citations per 1000	
	Passing through:	<b>39.2%</b>	18 + residents:	<b>68.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,157)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.0%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .082 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .560* sig.				Odds ratio Exp(B) <sup>7</sup> : .550* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PLAINFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>127</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>0.0%</b>	Citations per 1000	
	Passing through:	<b>100.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 122)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.17</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>24.8%</b>				Female <b>N/A</b>			
Male <b>74.4%</b>				Male <b>N/A</b>			
Non-binary <b>0.8%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>6.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>5.0%</b>				Hispanic <b>N/A</b>			
White <b>84.9%</b>				White <b>N/A</b>			
Other <b>3.4%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.7%</b>	<b>14.5%</b>	<b>-7.8%</b>
Hispanic	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.0%</b>	<b>15.2%</b>	<b>-10.2%</b>
White	<b>84.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>84.9%</b>	<b>65.1%</b>	<b>19.8%</b>
Other	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.4%</b>	<b>5.2%</b>	<b>-1.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	17	<b>14.5%</b>	<b>17.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	92	<b>85.5%</b>	<b>82.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.677	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.370	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>12.5%</b>	<b>75.0%</b>	<b>12.5%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.0%</b>	<b>37.5%</b>	<b>12.5%</b>	<b>25.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>27.9%</b>	<b>66.3%</b>	<b>5.8%</b>	<b>0.0%</b>			
Other	<b>25.0%</b>	<b>50.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PLAINVILLE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>811</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>0.0%</b>	Citations per 1000	
	Passing through:	<b>100.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 785)				ITP Stops <sup>3</sup> (N = 428)			
Mean age				Mean age			
<b>39.22</b>				<b>39.31</b>			
Gender %				Gender %			
Female <b>39.4%</b>				Female <b>39.3%</b>			
Male <b>60.5%</b>				Male <b>60.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>9.9%</b>				AA/Black <b>7.4%</b>			
Hispanic <b>6.9%</b>				Hispanic <b>7.9%</b>			
White <b>79.1%</b>				White <b>80.5%</b>			
Other <b>4.2%</b>				Other <b>4.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.9%</b>	<b>4.8%</b>	<b>5.1%</b>	AA/Black	<b>9.9%</b>	<b>14.5%</b>	<b>-4.6%</b>
Hispanic	<b>6.9%</b>	<b>4.5%</b>	<b>2.4%</b>	Hispanic	<b>6.9%</b>	<b>15.2%</b>	<b>-8.3%</b>
White	<b>79.1%</b>	<b>87.9%</b>	<b>-8.8%</b>	White	<b>79.1%</b>	<b>65.1%</b>	<b>14.0%</b>
Other	<b>4.2%</b>	<b>4.9%</b>	<b>-0.7%</b>	Other	<b>4.2%</b>	<b>5.2%</b>	<b>-1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	148	<b>21.1%</b>	<b>21.0%</b>	NW	72	<b>20.1%</b>	<b>18.5%</b>
White	554	<b>78.9%</b>	<b>79.0%</b>	White	292	<b>79.9%</b>	<b>81.5%</b>
Chi-square, X-tab <sup>6</sup> :		.964	not sig.	Chi-square, X-tab <sup>6</sup> :		.746	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.968	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.262	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.8%</b>	<b>30.8%</b>	<b>6.4%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>43.6%</b>	<b>30.9%</b>	<b>25.5%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>69.8%</b>	<b>21.8%</b>	<b>7.9%</b>	<b>0.5%</b>			
Other	<b>68.8%</b>	<b>25.0%</b>	<b>6.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PLYMOUTH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,437</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>59.0%</b>	Citations per 1000	
	Passing through:	<b>41.0%</b>	18 + residents:	<b>68.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,267)				ITP Stops <sup>3</sup> (N = 1,434)			
Mean age				Mean age			
<b>38.76</b>				<b>39.06</b>			
Gender %				Gender %			
Female <b>37.6%</b>				Female <b>36.9%</b>			
Male <b>62.3%</b>				Male <b>63.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>6.1%</b>				AA/Black <b>5.5%</b>			
Hispanic <b>1.0%</b>				Hispanic <b>1.1%</b>			
White <b>92.4%</b>				White <b>92.9%</b>			
Other <b>0.5%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.1%</b>	<b>1.9%</b>	<b>4.2%</b>	AA/Black	<b>6.1%</b>	<b>14.5%</b>	<b>-8.4%</b>
Hispanic	<b>1.0%</b>	<b>2.4%</b>	<b>-1.4%</b>	Hispanic	<b>1.0%</b>	<b>15.2%</b>	<b>-14.2%</b>
White	<b>92.4%</b>	<b>91.6%</b>	<b>0.8%</b>	White	<b>92.4%</b>	<b>65.1%</b>	<b>27.3%</b>
Other	<b>0.5%</b>	<b>3.8%</b>	<b>-3.3%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	213	<b>6.6%</b>	<b>8.6%</b>	NW	95	<b>7.8%</b>	<b>7.5%</b>
White	2,566	<b>93.4%</b>	<b>91.4%</b>	White	1,151	<b>92.2%</b>	<b>92.5%</b>
Chi-square, X-tab <sup>6</sup> :		.050*	sig.	Chi-square, X-tab <sup>6</sup> :		.808	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.726*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.854	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.2%</b>	<b>10.9%</b>	<b>12.9%</b>	<b>1.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>74.3%</b>	<b>14.3%</b>	<b>11.4%</b>	<b>0.0%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>79.7%</b>	<b>11.4%</b>	<b>8.6%</b>	<b>0.2%</b>			
Other	<b>86.7%</b>	<b>6.7%</b>	<b>6.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.379	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PLYMPTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>135</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.0%</b>	Citations per 1000	
	Passing through:	<b>92.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 112)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>30.12</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>29.5%</b>				Female <b>N/A</b>			
Male <b>70.5%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>7.2%</b>				AA/Black <b>N/A</b>			
Hispanic <b>0.9%</b>				Hispanic <b>N/A</b>			
White <b>91.0%</b>				White <b>N/A</b>			
Other <b>0.9%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.2%</b>	<b>14.5%</b>	<b>-7.3%</b>
Hispanic	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.9%</b>	<b>15.2%</b>	<b>-14.3%</b>
White	<b>91.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>91.0%</b>	<b>65.1%</b>	<b>25.9%</b>
Other	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>10.0%</b>	<b>40.0%</b>	<b>40.0%</b>	<b>10.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>40.2%</b>	<b>28.7%</b>	<b>28.7%</b>	<b>2.5%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.459	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PRINCETON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>492</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>14.6%</b>	Citations per 1000	
	Passing through:	<b>85.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 473)				ITP Stops <sup>3</sup> (N = 133)			
Mean age				Mean age			
<b>37.47</b>				<b>36.45</b>			
Gender %				Gender %			
Female <b>38.9%</b>				Female <b>30.8%</b>			
Male <b>61.1%</b>				Male <b>69.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>5.2%</b>				AA/Black <b>4.6%</b>			
Hispanic <b>5.2%</b>				Hispanic <b>6.9%</b>			
White <b>86.9%</b>				White <b>85.5%</b>			
Other <b>2.8%</b>				Other <b>3.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.2%</b>	<b>14.5%</b>	<b>-9.3%</b>
Hispanic	<b>5.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.2%</b>	<b>15.2%</b>	<b>-10.0%</b>
White	<b>86.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.9%</b>	<b>65.1%</b>	<b>21.8%</b>
Other	<b>2.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.8%</b>	<b>5.2%</b>	<b>-2.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	57	<b>10.8%</b>	<b>20.4%</b>	NW	16	<b>12.0%</b>	<b>18.9%</b>
White	387	<b>89.2%</b>	<b>79.6%</b>	White	96	<b>88.0%</b>	<b>81.1%</b>
Chi-square, X-tab <sup>6</sup> : .014* sig.				Chi-square, X-tab <sup>6</sup> : .325 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .460* sig.				Odds ratio Exp(B) <sup>7</sup> : .897 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.0%</b>	<b>20.0%</b>	<b>12.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>40.7%</b>	<b>25.9%</b>	<b>22.2%</b>	<b>11.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>78.0%</b>	<b>17.2%</b>	<b>3.3%</b>	<b>1.4%</b>			
Other	<b>78.6%</b>	<b>14.3%</b>	<b>7.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
PROVINCETOWN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>260</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.8%</b>	Citations per 1000	
	Passing through:	<b>73.2%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 239)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 3.8%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .477 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 1.264 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .649 not sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
QUINCY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,301</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>42.3%</b>	Citations per 1000	
	Passing through:	<b>57.7%</b>	18 + residents:	<b>40.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,961)				ITP Stops <sup>3</sup> (N = 1,011)			
Mean age				Mean age			
<b>39.88</b>				<b>39</b>			
Gender %				Gender %			
Female <b>34.6%</b>				Female <b>32.7%</b>			
Male <b>65.3%</b>				Male <b>67.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>2.9%</b>			
AA/Black <b>17.9%</b>				AA/Black <b>19.1%</b>			
Hispanic <b>5.5%</b>				Hispanic <b>5.1%</b>			
White <b>57.0%</b>				White <b>55.9%</b>			
Other <b>19.5%</b>				Other <b>19.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.9%</b>	<b>5.1%</b>	<b>12.8%</b>	AA/Black	<b>17.9%</b>	<b>14.5%</b>	<b>3.4%</b>
Hispanic	<b>5.5%</b>	<b>3.1%</b>	<b>2.4%</b>	Hispanic	<b>5.5%</b>	<b>15.2%</b>	<b>-9.7%</b>
White	<b>57.0%</b>	<b>59.0%</b>	<b>-2.0%</b>	White	<b>57.0%</b>	<b>65.1%</b>	<b>-8.1%</b>
Other	<b>19.5%</b>	<b>32.6%</b>	<b>-13.1%</b>	Other	<b>19.5%</b>	<b>5.2%</b>	<b>14.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,100	<b>42.3%</b>	<b>42.7%</b>	NW	410	<b>44.4%</b>	<b>45.1%</b>
White	1,493	<b>57.7%</b>	<b>57.3%</b>	White	509	<b>55.6%</b>	<b>54.9%</b>
Chi-square, X-tab <sup>6</sup> : .873 not sig.				Chi-square, X-tab <sup>6</sup> : .857 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.054 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.167 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>75.9%</b>	<b>4.4%</b>	<b>15.0%</b>	<b>4.7%</b>	NW	<b>21</b>	<b>N/A</b>
Hispanic	<b>69.1%</b>	<b>4.2%</b>	<b>15.7%</b>	<b>11.0%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>84.2%</b>	<b>3.8%</b>	<b>9.6%</b>	<b>2.4%</b>			
Other	<b>89.9%</b>	<b>6.3%</b>	<b>3.3%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
RANDOLPH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,395</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.2%</b>	Citations per 1000	
	Passing through:	<b>64.8%</b>	18 + residents:	<b>50.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,281)				ITP Stops <sup>3</sup> (N = 431)			
Mean age				Mean age			
<b>37.99</b>				<b>38.45</b>			
Gender %				Gender %			
Female <b>34.0%</b>				Female <b>29.5%</b>			
Male <b>66.0%</b>				Male <b>70.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.3%</b>				Race % Mis/Unk <sup>4</sup> <b>9.5%</b>			
AA/Black <b>56.3%</b>				AA/Black <b>53.3%</b>			
Hispanic <b>12.7%</b>				Hispanic <b>12.8%</b>			
White <b>24.3%</b>				White <b>25.4%</b>			
Other <b>6.8%</b>				Other <b>8.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>56.3%</b>	<b>44.7%</b>	<b>11.6%</b>	AA/Black	<b>56.3%</b>	<b>14.5%</b>	<b>41.8%</b>
Hispanic	<b>12.7%</b>	<b>8.8%</b>	<b>3.9%</b>	Hispanic	<b>12.7%</b>	<b>15.2%</b>	<b>-2.5%</b>
White	<b>24.3%</b>	<b>29.4%</b>	<b>-5.1%</b>	White	<b>24.3%</b>	<b>65.1%</b>	<b>-40.8%</b>
Other	<b>6.8%</b>	<b>16.5%</b>	<b>-9.7%</b>	Other	<b>6.8%</b>	<b>5.2%</b>	<b>1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	831	<b>74.3%</b>	<b>81.5%</b>	NW	257	<b>70.9%</b>	<b>81.2%</b>
White	266	<b>25.7%</b>	<b>18.5%</b>	White	91	<b>29.1%</b>	<b>18.8%</b>
Chi-square, X-tab <sup>6</sup> : .024* sig.				Chi-square, X-tab <sup>6</sup> : .046* sig.			
Odds ratio Exp(B) <sup>7</sup> : .740 not sig.				Odds ratio Exp(B) <sup>7</sup> : .860 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>59.5%</b>	<b>21.4%</b>	<b>18.3%</b>	<b>0.8%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>57.1%</b>	<b>21.4%</b>	<b>17.9%</b>	<b>3.6%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>62.9%</b>	<b>17.5%</b>	<b>16.0%</b>	<b>3.7%</b>			
Other	<b>72.9%</b>	<b>18.8%</b>	<b>8.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
RAYNHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>776</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.9%</b>	Citations per 1000	
	Passing through:	<b>81.1%</b>	18 + residents:	<b>68</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 720)				ITP Stops <sup>3</sup> (N = 312)			
Mean age				Mean age			
<b>34.69</b>				<b>34.99</b>			
Gender %				Gender %			
Female <b>37.5%</b>				Female <b>36.7%</b>			
Male <b>62.5%</b>				Male <b>63.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>20.2%</b>				AA/Black <b>16.9%</b>			
Hispanic <b>4.1%</b>				Hispanic <b>4.2%</b>			
White <b>74.4%</b>				White <b>76.3%</b>			
Other <b>1.3%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.2%</b>	<b>1.7%</b>	<b>18.5%</b>	AA/Black	<b>20.2%</b>	<b>14.5%</b>	<b>5.7%</b>
Hispanic	<b>4.1%</b>	<b>2.0%</b>	<b>2.1%</b>	Hispanic	<b>4.1%</b>	<b>15.2%</b>	<b>-11.1%</b>
White	<b>74.4%</b>	<b>93.3%</b>	<b>-18.9%</b>	White	<b>74.4%</b>	<b>65.1%</b>	<b>9.3%</b>
Other	<b>1.3%</b>	<b>3.2%</b>	<b>-1.9%</b>	Other	<b>1.3%</b>	<b>5.2%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	172	<b>18.8%</b>	<b>34.7%</b>	NW	64	<b>18.2%</b>	<b>28.7%</b>
White	512	<b>81.2%</b>	<b>65.3%</b>	White	225	<b>81.8%</b>	<b>71.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .038* sig.			
Odds ratio Exp(B) <sup>7</sup> : .417* sig.				Odds ratio Exp(B) <sup>7</sup> : .336* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.0%</b>	<b>27.5%</b>	<b>16.1%</b>	<b>1.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.7%</b>	<b>37.1%</b>	<b>28.6%</b>	<b>8.6%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>59.3%</b>	<b>22.9%</b>	<b>13.1%</b>	<b>4.7%</b>			
Other	<b>80.0%</b>	<b>10.0%</b>	<b>10.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .006* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
READING POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,265</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>33.9%</b>	Citations per 1000	
	Passing through:	<b>66.1%</b>	18 + residents:	<b>65.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,193)				ITP Stops <sup>3</sup> (N = 513)			
Mean age				Mean age			
<b>39.75</b>				<b>39.35</b>			
Gender %				Gender %			
Female <b>39.1%</b>				Female <b>40.5%</b>			
Male <b>60.8%</b>				Male <b>59.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>5.8%</b>				AA/Black <b>5.6%</b>			
Hispanic <b>10.5%</b>				Hispanic <b>11.3%</b>			
White <b>79.4%</b>				White <b>78.5%</b>			
Other <b>4.3%</b>				Other <b>4.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.8%</b>	<b>0.4%</b>	<b>5.4%</b>	AA/Black	<b>5.8%</b>	<b>14.5%</b>	<b>-8.7%</b>
Hispanic	<b>10.5%</b>	<b>3.0%</b>	<b>7.5%</b>	Hispanic	<b>10.5%</b>	<b>15.2%</b>	<b>-4.7%</b>
White	<b>79.4%</b>	<b>91.1%</b>	<b>-11.7%</b>	White	<b>79.4%</b>	<b>65.1%</b>	<b>14.3%</b>
Other	<b>4.3%</b>	<b>5.7%</b>	<b>-1.4%</b>	Other	<b>4.3%</b>	<b>5.2%</b>	<b>-0.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	220	<b>16.5%</b>	<b>27.1%</b>	NW	95	<b>17.0%</b>	<b>26.6%</b>
White	866	<b>83.5%</b>	<b>72.9%</b>	White	359	<b>83.0%</b>	<b>73.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .014* sig.			
Odds ratio Exp(B) <sup>7</sup> : .566* sig.				Odds ratio Exp(B) <sup>7</sup> : .592 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.8%</b>	<b>4.2%</b>	<b>18.1%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>69.1%</b>	<b>5.1%</b>	<b>22.8%</b>	<b>2.9%</b>	White	<b>13</b>	<b>N/A</b>
White	<b>88.8%</b>	<b>2.5%</b>	<b>6.6%</b>	<b>2.0%</b>			
Other	<b>80.4%</b>	<b>9.8%</b>	<b>9.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
REHOBOTH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>683</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.8%</b>	Citations per 1000	
	Passing through:	<b>81.2%</b>	18 + residents:	<b>70.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 602)				ITP Stops <sup>3</sup> (N = 236)			
Mean age				Mean age			
<b>35.73</b>				<b>35.66</b>			
Gender %				Gender %			
Female <b>31.4%</b>				Female <b>30.8%</b>			
Male <b>68.6%</b>				Male <b>69.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>3.8%</b>			
AA/Black <b>15.0%</b>				AA/Black <b>14.5%</b>			
Hispanic <b>3.6%</b>				Hispanic <b>2.6%</b>			
White <b>80.4%</b>				White <b>82.4%</b>			
Other <b>1.0%</b>				Other <b>0.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.0%</b>	<b>0.7%</b>	<b>14.3%</b>	AA/Black	<b>15.0%</b>	<b>14.5%</b>	<b>0.5%</b>
Hispanic	<b>3.6%</b>	<b>2.8%</b>	<b>0.8%</b>	Hispanic	<b>3.6%</b>	<b>15.2%</b>	<b>-11.6%</b>
White	<b>80.4%</b>	<b>92.4%</b>	<b>-12.0%</b>	White	<b>80.4%</b>	<b>65.1%</b>	<b>15.3%</b>
Other	<b>1.0%</b>	<b>4.4%</b>	<b>-3.4%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	104	<b>17.4%</b>	<b>25.9%</b>	NW	37	<b>16.3%</b>	<b>22.6%</b>
White	425	<b>82.6%</b>	<b>74.1%</b>	White	166	<b>83.7%</b>	<b>77.4%</b>
Chi-square, X-tab <sup>6</sup> :		.029*	sig.	Chi-square, X-tab <sup>6</sup> :		.287	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.640	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.847	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>38.0%</b>	<b>20.7%</b>	<b>37.0%</b>	<b>4.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>58.3%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>8.3%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>55.3%</b>	<b>16.6%</b>	<b>23.8%</b>	<b>4.3%</b>			
Other	<b>57.1%</b>	<b>14.3%</b>	<b>28.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.059	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
REVERE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,413</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.7%</b>	Citations per 1000	
	Passing through:	<b>63.3%</b>	18 + residents:	<b>33.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,210)				ITP Stops <sup>3</sup> (N = 281)			
Mean age				Mean age			
<b>39.86</b>				<b>37.69</b>			
Gender %				Gender %			
Female <b>32.3%</b>				Female <b>25.5%</b>			
Male <b>67.7%</b>				Male <b>74.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>9.3%</b>				Race % Mis/Unk <sup>4</sup> <b>14.9%</b>			
AA/Black <b>11.7%</b>				AA/Black <b>12.1%</b>			
Hispanic <b>29.5%</b>				Hispanic <b>38.5%</b>			
White <b>57.4%</b>				White <b>43.9%</b>			
Other <b>4.0%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.7%</b>	<b>5.5%</b>	<b>6.2%</b>	AA/Black	<b>11.7%</b>	<b>14.5%</b>	<b>-2.8%</b>
Hispanic	<b>29.5%</b>	<b>33.6%</b>	<b>-4.1%</b>	Hispanic	<b>29.5%</b>	<b>15.2%</b>	<b>14.3%</b>
White	<b>57.4%</b>	<b>53.3%</b>	<b>4.1%</b>	White	<b>57.4%</b>	<b>65.1%</b>	<b>-7.7%</b>
Other	<b>4.0%</b>	<b>10.5%</b>	<b>-6.5%</b>	Other	<b>4.0%</b>	<b>5.2%</b>	<b>-1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	44	<b>40.5%</b>	<b>60.1%</b>	NW	118	<b>55.0%</b>	<b>53.8%</b>
White	561	<b>59.5%</b>	<b>39.9%</b>	White	98	<b>45.0%</b>	<b>46.2%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.879	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.477*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.331	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.2%</b>	<b>26.1%</b>	<b>16.2%</b>	<b>3.5%</b>	NW	<b>61</b>	<b>21.3%</b>
Hispanic	<b>39.4%</b>	<b>19.8%</b>	<b>35.7%</b>	<b>5.0%</b>	White	<b>225</b>	<b>78.7%</b>
White	<b>58.0%</b>	<b>19.6%</b>	<b>19.9%</b>	<b>2.6%</b>			
Other	<b>63.8%</b>	<b>21.3%</b>	<b>12.8%</b>	<b>2.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ROCHESTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>402</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.2%</b>	Citations per 1000	
	Passing through:	<b>84.8%</b>	18 + residents:	<b>93.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 363)				ITP Stops <sup>3</sup> (N = 140)			
Mean age				Mean age			
<b>33.73</b>				<b>33.24</b>			
Gender %				Gender %			
Female <b>31.1%</b>				Female <b>30.2%</b>			
Male <b>68.9%</b>				Male <b>69.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.7%</b>				Race % Mis/Unk <sup>4</sup> <b>5.7%</b>			
AA/Black <b>10.4%</b>				AA/Black <b>9.1%</b>			
Hispanic <b>2.7%</b>				Hispanic <b>1.5%</b>			
White <b>86.9%</b>				White <b>89.4%</b>			
Other <b>0.0%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.4%</b>	<b>0.6%</b>	<b>9.8%</b>	AA/Black	<b>10.4%</b>	<b>14.5%</b>	<b>-4.1%</b>
Hispanic	<b>2.7%</b>	<b>0.6%</b>	<b>2.1%</b>	Hispanic	<b>2.7%</b>	<b>15.2%</b>	<b>-12.5%</b>
White	<b>86.9%</b>	<b>97.4%</b>	<b>-10.5%</b>	White	<b>86.9%</b>	<b>65.1%</b>	<b>21.8%</b>
Other	<b>0.0%</b>	<b>1.1%</b>	<b>-1.1%</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	38	<b>12.1%</b>	<b>13.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	265	<b>87.9%</b>	<b>86.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .773 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 1.041 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>34.2%</b>	<b>13.2%</b>	<b>50.0%</b>	<b>2.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>44.4%</b>	<b>0.0%</b>	<b>44.4%</b>	<b>11.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>46.3%</b>	<b>17.1%</b>	<b>27.6%</b>	<b>9.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .093 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ROCKLAND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>590</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.1%</b>	Citations per 1000	
	Passing through:	<b>69.9%</b>	18 + residents:	<b>42.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 499)				ITP Stops <sup>3</sup> (N = 190)			
Mean age				Mean age			
<b>36.97</b>				<b>37.31</b>			
Gender %				Gender %			
Female <b>30.5%</b>				Female <b>27.4%</b>			
Male <b>69.5%</b>				Male <b>72.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.2%</b>			
AA/Black <b>9.0%</b>				AA/Black <b>10.3%</b>			
Hispanic <b>1.5%</b>				Hispanic <b>1.1%</b>			
White <b>89.2%</b>				White <b>88.0%</b>			
Other <b>0.4%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>3.0%</b>	<b>6.0%</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>1.5%</b>	<b>3.1%</b>	<b>-1.6%</b>	Hispanic	<b>1.5%</b>	<b>15.2%</b>	<b>-13.7%</b>
White	<b>89.2%</b>	<b>91.5%</b>	<b>-2.3%</b>	White	<b>89.2%</b>	<b>65.1%</b>	<b>24.1%</b>
Other	<b>0.4%</b>	<b>1.6%</b>	<b>-1.2%</b>	Other	<b>0.4%</b>	<b>5.2%</b>	<b>-4.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	<b>6.9%</b>	<b>19.4%</b>	NW	18	<b>6.0%</b>	<b>20.8%</b>
White	405	<b>93.1%</b>	<b>80.6%</b>	White	151	<b>94.0%</b>	<b>79.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .004* sig.			
Odds ratio Exp(B) <sup>7</sup> : .312* sig.				Odds ratio Exp(B) <sup>7</sup> : .218* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.0%</b>	<b>12.0%</b>	<b>22.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>50.0%</b>	<b>0.0%</b>	<b>40.0%</b>	<b>10.0%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>70.3%</b>	<b>8.7%</b>	<b>16.6%</b>	<b>4.4%</b>			
Other	<b>66.7%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .380 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ROWLEY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>403</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.6%</b>	Citations per 1000	
	Passing through:	<b>83.4%</b>	18 + residents:	<b>79.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 386)				ITP Stops <sup>3</sup> (N = 114)			
Mean age				Mean age			
<b>39.39</b>				<b>40.5</b>			
Gender %				Gender %			
Female <b>34.1%</b>				Female <b>36.1%</b>			
Male <b>65.9%</b>				Male <b>63.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>7.0%</b>				Race % Mis/Unk <sup>4</sup> <b>12.3%</b>			
AA/Black <b>3.6%</b>				AA/Black <b>1.0%</b>			
Hispanic <b>12.3%</b>				Hispanic <b>15.0%</b>			
White <b>82.5%</b>				White <b>80.0%</b>			
Other <b>1.7%</b>				Other <b>4.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.6%</b>	<b>1.2%</b>	<b>2.4%</b>	AA/Black	<b>3.6%</b>	<b>14.5%</b>	<b>-10.9%</b>
Hispanic	<b>12.3%</b>	<b>0.8%</b>	<b>11.5%</b>	Hispanic	<b>12.3%</b>	<b>15.2%</b>	<b>-2.9%</b>
White	<b>82.5%</b>	<b>95.4%</b>	<b>-12.9%</b>	White	<b>82.5%</b>	<b>65.1%</b>	<b>17.4%</b>
Other	<b>1.7%</b>	<b>2.7%</b>	<b>-1.0%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	58	<b>15.2%</b>	<b>22.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	283	<b>84.8%</b>	<b>77.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .130 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .628 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>21.4%</b>	<b>21.4%</b>	<b>57.1%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>22.7%</b>	<b>13.6%</b>	<b>56.8%</b>	<b>6.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>55.7%</b>	<b>18.8%</b>	<b>21.7%</b>	<b>3.9%</b>			
Other	<b>50.0%</b>	<b>33.3%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
ROYALSTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>106</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.0%</b>	Citations per 1000	
	Passing through:	<b>88.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 100)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 3.0%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> :		.485	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
RUSSELL POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>258</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>5.5%</b>	Citations per 1000	
	Passing through:	<b>94.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 256)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>39.85</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>43.4%</b>				Female <b>N/A</b>			
Male <b>56.6%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.9%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>2.0%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.7%</b>				Hispanic <b>N/A</b>			
White <b>94.3%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.0%</b>	<b>14.5%</b>	<b>-12.5%</b>
Hispanic	<b>3.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.7%</b>	<b>15.2%</b>	<b>-11.5%</b>
White	<b>94.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>94.3%</b>	<b>65.1%</b>	<b>29.2%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>80.0%</b>	<b>0.0%</b>	<b>20.0%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>2</b>
White	<b>49.6%</b>	<b>44.0%</b>	<b>6.0%</b>	<b>0.4%</b>		
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .425 not sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
RUTLAND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>716</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.0%</b>	Citations per 1000	
	Passing through:	<b>73.0%</b>	18 + residents:	<b>109.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 705)				ITP Stops <sup>3</sup> (N = 265)			
Mean age				Mean age			
<b>37.89</b>				<b>36.33</b>			
Gender %				Gender %			
Female <b>39.8%</b>				Female <b>34.0%</b>			
Male <b>60.1%</b>				Male <b>65.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.4%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>6.2%</b>				AA/Black <b>5.0%</b>			
Hispanic <b>6.6%</b>				Hispanic <b>8.0%</b>			
White <b>85.1%</b>				White <b>83.2%</b>			
Other <b>2.2%</b>				Other <b>3.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.2%</b>	<b>0.0%</b>	<b>6.2%</b>	AA/Black	<b>6.2%</b>	<b>14.5%</b>	<b>-8.3%</b>
Hispanic	<b>6.6%</b>	<b>3.3%</b>	<b>3.3%</b>	Hispanic	<b>6.6%</b>	<b>15.2%</b>	<b>-8.6%</b>
White	<b>85.1%</b>	<b>92.1%</b>	<b>-7.0%</b>	White	<b>85.1%</b>	<b>65.1%</b>	<b>20.0%</b>
Other	<b>2.2%</b>	<b>5.6%</b>	<b>-3.4%</b>	Other	<b>2.2%</b>	<b>5.2%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	100	<b>12.2%</b>	<b>20.7%</b>	NW	40	<b>16.7%</b>	<b>16.9%</b>
White	573	<b>87.8%</b>	<b>79.3%</b>	White	199	<b>83.3%</b>	<b>83.1%</b>
Chi-square, X-tab <sup>6</sup> : .004* sig.				Chi-square, X-tab <sup>6</sup> : .970 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .537* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.713 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.8%</b>	<b>6.8%</b>	<b>9.1%</b>	<b>2.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>70.2%</b>	<b>12.8%</b>	<b>17.0%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>79.9%</b>	<b>10.1%</b>	<b>6.8%</b>	<b>3.2%</b>			
Other	<b>86.7%</b>	<b>6.7%</b>	<b>6.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .370 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SALEM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>5,012</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.6%</b>	Citations per 1000	
	Passing through:	<b>68.4%</b>	18 + residents:	<b>138.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,561)				ITP Stops <sup>3</sup> (N = 1,647)			
Mean age				Mean age			
<b>37.69</b>				<b>37.35</b>			
Gender %				Gender %			
Female <b>38.3%</b>				Female <b>38.6%</b>			
Male <b>61.5%</b>				Male <b>61.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.4%</b>				Race % Mis/Unk <sup>4</sup> <b>9.7%</b>			
AA/Black <b>8.3%</b>				AA/Black <b>8.0%</b>			
Hispanic <b>19.6%</b>				Hispanic <b>18.8%</b>			
White <b>70.1%</b>				White <b>71.6%</b>			
Other <b>2.0%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.3%</b>	<b>6.6%</b>	<b>1.7%</b>	AA/Black	<b>8.3%</b>	<b>14.5%</b>	<b>-6.2%</b>
Hispanic	<b>19.6%</b>	<b>17.8%</b>	<b>1.8%</b>	Hispanic	<b>19.6%</b>	<b>15.2%</b>	<b>4.4%</b>
White	<b>70.1%</b>	<b>71.8%</b>	<b>-1.7%</b>	White	<b>70.1%</b>	<b>65.1%</b>	<b>5.0%</b>
Other	<b>2.0%</b>	<b>6.9%</b>	<b>-4.9%</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,186	<b>26.0%</b>	<b>38.0%</b>	NW	371	<b>26.0%</b>	<b>30.1%</b>
White	2,787	<b>74.0%</b>	<b>62.0%</b>	White	970	<b>74.0%</b>	<b>69.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .104 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .541* sig.				Odds ratio Exp(B) <sup>7</sup> : .759 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.8%</b>	<b>37.6%</b>	<b>7.5%</b>	<b>4.0%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>47.5%</b>	<b>40.9%</b>	<b>8.4%</b>	<b>3.1%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>54.0%</b>	<b>39.7%</b>	<b>3.6%</b>	<b>2.7%</b>			
Other	<b>58.2%</b>	<b>38.5%</b>	<b>3.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SALISBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>872</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.9%</b>	Citations per 1000	
	Passing through:	<b>74.1%</b>	18 + residents:	<b>134.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 831)				ITP Stops <sup>3</sup> (N = 444)			
Mean age				Mean age			
<b>39.89</b>				<b>40.11</b>			
Gender %				Gender %			
Female <b>38.2%</b>				Female <b>40.5%</b>			
Male <b>61.8%</b>				Male <b>59.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.5%</b>				Race % Mis/Unk <sup>4</sup> <b>4.5%</b>			
AA/Black <b>2.0%</b>				AA/Black <b>2.6%</b>			
Hispanic <b>6.7%</b>				Hispanic <b>6.1%</b>			
White <b>88.9%</b>				White <b>88.9%</b>			
Other <b>2.4%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>2.0%</b>	<b>0.7%</b>	<b>1.3%</b>	AA/Black	<b>2.0%</b>	<b>14.5%</b> <b>-12.5%</b>
Hispanic	<b>6.7%</b>	<b>3.6%</b>	<b>3.1%</b>	Hispanic	<b>6.7%</b>	<b>15.2%</b> <b>-8.5%</b>
White	<b>88.9%</b>	<b>92.8%</b>	<b>-3.9%</b>	White	<b>88.9%</b>	<b>65.1%</b> <b>23.8%</b>
Other	<b>2.4%</b>	<b>2.4%</b>	<b>0.0%</b>	Other	<b>2.4%</b>	<b>5.2%</b> <b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	82	<b>8.1%</b>	<b>15.3%</b>	NW	42	<b>7.7%</b>	<b>15.5%</b>	NW	42	<b>7.7%</b>	<b>15.5%</b>
White	665	<b>91.9%</b>	<b>84.7%</b>	White	341	<b>92.3%</b>	<b>84.5%</b>	White	341	<b>92.3%</b>	<b>84.5%</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : .015* sig.				Chi-square, X-tab <sup>6</sup> : .015* sig.			
Odds ratio Exp(B) <sup>7</sup> : .489* sig.				Odds ratio Exp(B) <sup>7</sup> : .461 not sig.				Odds ratio Exp(B) <sup>7</sup> : .461 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>87.5%</b>	<b>6.3%</b>	<b>6.3%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>50.9%</b>	<b>5.5%</b>	<b>36.4%</b>	<b>7.3%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>71.6%</b>	<b>9.8%</b>	<b>14.2%</b>	<b>4.3%</b>			
Other	<b>45.0%</b>	<b>10.0%</b>	<b>25.0%</b>	<b>20.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SANDISFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>101</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>0.0%</b>	Citations per 1000	
	Passing through:	<b>100.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 100)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>44.77</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>34.0%</b>				Female <b>N/A</b>			
Male <b>66.0%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>6.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.3%</b>				AA/Black <b>N/A</b>			
Hispanic <b>7.4%</b>				Hispanic <b>N/A</b>			
White <b>86.2%</b>				White <b>N/A</b>			
Other <b>2.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.3%</b>	<b>14.5%</b>	<b>-10.2%</b>
Hispanic	<b>7.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>7.4%</b>	<b>15.2%</b>	<b>-7.8%</b>
White	<b>86.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.2%</b>	<b>65.1%</b>	<b>21.1%</b>
Other	<b>2.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.1%</b>	<b>5.2%</b>	<b>-3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>25.0%</b>	<b>25.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>28.6%</b>	<b>28.6%</b>	<b>42.9%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>63.4%</b>	<b>28.0%</b>	<b>8.5%</b>	<b>0.0%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.131	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SANDWICH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>598</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.0%</b>	Citations per 1000	
	Passing through:	<b>81.0%</b>	18 + residents:	<b>36.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 537)				ITP Stops <sup>3</sup> (N = 190)			
Mean age				Mean age			
<b>39.78</b>				<b>39.62</b>			
Gender %				Gender %			
Female <b>40.2%</b>				Female <b>34.0%</b>			
Male <b>59.6%</b>				Male <b>66.0%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>4.9%</b>				AA/Black <b>6.4%</b>			
Hispanic <b>3.6%</b>				Hispanic <b>5.9%</b>			
White <b>89.8%</b>				White <b>86.1%</b>			
Other <b>1.7%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.9%</b>	<b>1.0%</b>	<b>3.9%</b>	AA/Black	<b>4.9%</b>	<b>14.5%</b>	<b>-9.6%</b>
Hispanic	<b>3.6%</b>	<b>2.1%</b>	<b>1.5%</b>	Hispanic	<b>3.6%</b>	<b>15.2%</b>	<b>-11.6%</b>
White	<b>89.8%</b>	<b>93.0%</b>	<b>-3.2%</b>	White	<b>89.8%</b>	<b>65.1%</b>	<b>24.7%</b>
Other	<b>1.7%</b>	<b>2.8%</b>	<b>-1.1%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	47	<b>9.2%</b>	<b>10.3%</b>	NW	20	<b>13.9%</b>	<b>11.1%</b>
White	446	<b>90.8%</b>	<b>89.7%</b>	White	140	<b>86.1%</b>	<b>88.9%</b>
Chi-square, X-tab <sup>6</sup> : .686 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .591 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .964 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.136 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>44.4%</b>	<b>18.5%</b>	<b>29.6%</b>	<b>7.4%</b>	NW	<b>0</b>
Hispanic	<b>35.0%</b>	<b>20.0%</b>	<b>20.0%</b>	<b>25.0%</b>	White	<b>2</b>
White	<b>58.0%</b>	<b>18.6%</b>	<b>16.6%</b>	<b>6.8%</b>		
Other	<b>66.7%</b>	<b>11.1%</b>	<b>11.1%</b>	<b>11.1%</b>		
Chi-square, X-tab <sup>6</sup> : .105 <i>not sig.</i>						Counts
						Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SAUGUS POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>750</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>35.8%</b>	Citations per 1000	
	Passing through:	<b>64.2%</b>	18 + residents:	<b>31.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 674)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 3.0%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .042* sig.				Chi-square, X-tab <sup>6</sup> : .055 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .584* sig.				Odds ratio Exp(B) <sup>7</sup> : .188* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SCITUATE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>411</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>49.2%</b>	Citations per 1000	
	Passing through:	<b>50.8%</b>	18 + residents:	<b>27.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 372)				ITP Stops <sup>3</sup> (N = 198)			
Mean age				Mean age			
<b>38.76</b>				<b>38.71</b>			
Gender %				Gender %			
Female <b>39.1%</b>				Female <b>35.2%</b>			
Male <b>60.9%</b>				Male <b>64.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.6%</b>				Race % Mis/Unk <sup>4</sup> <b>7.6%</b>			
AA/Black <b>2.6%</b>				AA/Black <b>2.2%</b>			
Hispanic <b>3.2%</b>				Hispanic <b>3.3%</b>			
White <b>92.9%</b>				White <b>93.4%</b>			
Other <b>1.2%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>2.6%</b>	<b>0.7%</b>	<b>1.9%</b>	AA/Black	<b>2.6%</b>	<b>14.5%</b> <b>-11.9%</b>
Hispanic	<b>3.2%</b>	<b>1.0%</b>	<b>2.2%</b>	Hispanic	<b>3.2%</b>	<b>15.2%</b> <b>-12.0%</b>
White	<b>92.9%</b>	<b>95.3%</b>	<b>-2.4%</b>	White	<b>92.9%</b>	<b>65.1%</b> <b>27.8%</b>
Other	<b>1.2%</b>	<b>1.6%</b>	<b>-0.4%</b>	Other	<b>1.2%</b>	<b>5.2%</b> <b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	24	<b>8.0%</b>	<b>6.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	298	<b>92.0%</b>	<b>93.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.592	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		1.297	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>45.5%</b>	<b>9.1%</b>	<b>27.3%</b>	<b>18.2%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>18.2%</b>	<b>9.1%</b>	<b>72.7%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>69.5%</b>	<b>13.0%</b>	<b>8.6%</b>	<b>8.9%</b>			
Other	<b>60.0%</b>	<b>20.0%</b>	<b>20.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SEEKONK POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,559</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.8%</b>	Citations per 1000	
	Passing through:	<b>78.2%</b>	18 + residents:	<b>125.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,340)				ITP Stops <sup>3</sup> (N = 536)			
Mean age				Mean age			
<b>37.84</b>				<b>38.12</b>			
Gender %				Gender %			
Female <b>41.4%</b>				Female <b>39.3%</b>			
Male <b>58.5%</b>				Male <b>60.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>12.1%</b>				AA/Black <b>11.2%</b>			
Hispanic <b>7.6%</b>				Hispanic <b>9.5%</b>			
White <b>79.0%</b>				White <b>78.2%</b>			
Other <b>1.4%</b>				Other <b>1.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.1%</b>	<b>1.0%</b>	<b>11.1%</b>	AA/Black	<b>12.1%</b>	<b>14.5%</b>	<b>-2.4%</b>
Hispanic	<b>7.6%</b>	<b>2.5%</b>	<b>5.1%</b>	Hispanic	<b>7.6%</b>	<b>15.2%</b>	<b>-7.6%</b>
White	<b>79.0%</b>	<b>92.3%</b>	<b>-13.3%</b>	White	<b>79.0%</b>	<b>65.1%</b>	<b>13.9%</b>
Other	<b>1.4%</b>	<b>4.6%</b>	<b>-3.2%</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	249	<b>16.3%</b>	<b>27.3%</b>	NW	101	<b>17.4%</b>	<b>28.5%</b>
White	961	<b>83.7%</b>	<b>72.7%</b>	White	365	<b>82.6%</b>	<b>71.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .005* sig.			
Odds ratio Exp(B) <sup>7</sup> : .525* sig.				Odds ratio Exp(B) <sup>7</sup> : .631 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.1%</b>	<b>13.4%</b>	<b>15.0%</b>	<b>1.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>70.4%</b>	<b>8.7%</b>	<b>18.3%</b>	<b>2.6%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>77.2%</b>	<b>13.6%</b>	<b>8.6%</b>	<b>0.6%</b>			
Other	<b>66.7%</b>	<b>28.6%</b>	<b>4.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SHARON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,021</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.5%</b>	Citations per 1000	
	Passing through:	<b>73.5%</b>	18 + residents:	<b>146.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,953)				ITP Stops <sup>3</sup> (N = 722)			
Mean age				Mean age			
<b>39.35</b>				<b>38.94</b>			
Gender %				Gender %			
Female <b>36.4%</b>				Female <b>34.4%</b>			
Male <b>63.3%</b>				Male <b>65.4%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>21.3%</b>				AA/Black <b>19.2%</b>			
Hispanic <b>5.6%</b>				Hispanic <b>7.0%</b>			
White <b>64.9%</b>				White <b>65.8%</b>			
Other <b>8.1%</b>				Other <b>8.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>21.3%</b>	<b>2.6%</b>	<b>18.7%</b>	AA/Black	<b>21.3%</b>	<b>14.5%</b>	<b>6.8%</b>
Hispanic	<b>5.6%</b>	<b>5.4%</b>	<b>0.2%</b>	Hispanic	<b>5.6%</b>	<b>15.2%</b>	<b>-9.6%</b>
White	<b>64.9%</b>	<b>73.1%</b>	<b>-8.2%</b>	White	<b>64.9%</b>	<b>65.1%</b>	<b>-0.2%</b>
Other	<b>8.1%</b>	<b>18.5%</b>	<b>-10.4%</b>	Other	<b>8.1%</b>	<b>5.2%</b>	<b>2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	631	<b>29.7%</b>	<b>45.8%</b>	NW	211	<b>31.4%</b>	<b>38.5%</b>
White	1,174	<b>70.3%</b>	<b>54.2%</b>	White	416	<b>68.6%</b>	<b>61.5%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.079	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.488*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.643	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.2%</b>	<b>6.9%</b>	<b>10.7%</b>	<b>0.2%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>73.9%</b>	<b>3.5%</b>	<b>22.6%</b>	<b>0.0%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>90.7%</b>	<b>4.3%</b>	<b>4.9%</b>	<b>0.2%</b>			
Other	<b>91.9%</b>	<b>3.7%</b>	<b>3.7%</b>	<b>0.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SHEFFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>444</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.9%</b>	Citations per 1000	
	Passing through:	<b>87.1%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 417)				ITP Stops <sup>3</sup> (N = 128)			
Mean age				Mean age			
<b>42.86</b>				<b>38.11</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>36.7%</b>			
Male <b>63.3%</b>				Male <b>63.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>4.4%</b>				AA/Black <b>7.1%</b>			
Hispanic <b>5.2%</b>				Hispanic <b>6.3%</b>			
White <b>88.6%</b>				White <b>85.0%</b>			
Other <b>1.7%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>4.4%</b>	<b>14.5%</b>	<b>-10.1%</b>
Hispanic	<b>5.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>5.2%</b>	<b>15.2%</b>	<b>-10.0%</b>
White	<b>88.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>88.6%</b>	<b>65.1%</b>	<b>23.5%</b>
Other	<b>1.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	42	<b>10.7%</b>	<b>12.5%</b>	NW	16	<b>12.9%</b>	<b>17.5%</b>
White	328	<b>89.3%</b>	<b>87.5%</b>	White	94	<b>87.1%</b>	<b>82.5%</b>
Chi-square, X-tab <sup>6</sup> :		.612	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.506	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.733	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.767	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>47.4%</b>	<b>21.1%</b>	<b>15.8%</b>	<b>15.8%</b>	NW	<b>0</b>
Hispanic	<b>52.2%</b>	<b>8.7%</b>	<b>30.4%</b>	<b>8.7%</b>	White	<b>1</b>
White	<b>60.0%</b>	<b>19.2%</b>	<b>15.0%</b>	<b>5.8%</b>		
Other	<b>57.1%</b>	<b>42.9%</b>	<b>0.0%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.211	<i>not sig.</i>		Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SHELBURNE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>211</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.7%</b>	Citations per 1000	
	Passing through:	<b>92.3%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 196)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.42</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>31.8%</b>				Female <b>N/A</b>			
Male <b>68.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>7.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>0.6%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.3%</b>				Hispanic <b>N/A</b>			
White <b>96.1%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>0.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>0.6%</b>	<b>14.5%</b>	<b>-13.9%</b>
Hispanic	<b>3.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.3%</b>	<b>15.2%</b>	<b>-11.9%</b>
White	<b>96.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>96.1%</b>	<b>65.1%</b>	<b>31.0%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>3</b>
White	<b>74.9%</b>	<b>11.8%</b>	<b>9.6%</b>	<b>3.7%</b>		
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .759 not sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SHERBORN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,056</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.0%</b>	Citations per 1000	
	Passing through:	<b>91.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,961)				ITP Stops <sup>3</sup> (N = 1,191)			
Mean age				Mean age			
<b>39.72</b>				<b>40.1</b>			
Gender %				Gender %			
Female <b>37.5%</b>				Female <b>35.1%</b>			
Male <b>62.4%</b>				Male <b>64.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.3%</b>			
AA/Black <b>6.8%</b>				AA/Black <b>6.8%</b>			
Hispanic <b>9.9%</b>				Hispanic <b>9.4%</b>			
White <b>78.7%</b>				White <b>79.0%</b>			
Other <b>4.6%</b>				Other <b>4.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.8%</b>	<b>14.5%</b>	<b>-7.7%</b>
Hispanic	<b>9.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.9%</b>	<b>15.2%</b>	<b>-5.3%</b>
White	<b>78.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>78.7%</b>	<b>65.1%</b>	<b>13.6%</b>
Other	<b>4.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	586	<b>18.0%</b>	<b>25.5%</b>	NW	212	<b>18.0%</b>	<b>22.7%</b>
White	2,221	<b>82.0%</b>	<b>74.5%</b>	White	846	<b>82.0%</b>	<b>77.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .062 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .613* sig.				Odds ratio Exp(B) <sup>7</sup> : .639* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.2%</b>	<b>17.6%</b>	<b>11.7%</b>	<b>0.5%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>47.1%</b>	<b>20.6%</b>	<b>30.4%</b>	<b>2.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>76.4%</b>	<b>13.3%</b>	<b>9.4%</b>	<b>0.9%</b>			
Other	<b>73.2%</b>	<b>21.7%</b>	<b>5.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SHIRLEY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>694</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.2%</b>	Citations per 1000	
	Passing through:	<b>78.8%</b>	18 + residents:	<b>103.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 684)				ITP Stops <sup>3</sup> (N = 335)			
Mean age				Mean age			
<b>39.25</b>				<b>38.7</b>			
Gender %				Gender %			
Female <b>40.4%</b>				Female <b>36.4%</b>			
Male <b>59.6%</b>				Male <b>63.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.9%</b>				Race % Mis/Unk <sup>4</sup> <b>3.9%</b>			
AA/Black <b>5.8%</b>				AA/Black <b>5.0%</b>			
Hispanic <b>12.0%</b>				Hispanic <b>12.4%</b>			
White <b>77.8%</b>				White <b>78.0%</b>			
Other <b>4.4%</b>				Other <b>4.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.8%</b>	<b>8.5%</b>	<b>-2.7%</b>	AA/Black	<b>5.8%</b>	<b>14.5%</b>	<b>-8.7%</b>
Hispanic	<b>12.0%</b>	<b>9.8%</b>	<b>2.2%</b>	Hispanic	<b>12.0%</b>	<b>15.2%</b>	<b>-3.2%</b>
White	<b>77.8%</b>	<b>74.9%</b>	<b>2.9%</b>	White	<b>77.8%</b>	<b>65.1%</b>	<b>12.7%</b>
Other	<b>4.4%</b>	<b>7.1%</b>	<b>-2.7%</b>	Other	<b>4.4%</b>	<b>5.2%</b>	<b>-0.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	138	<b>22.8%</b>	<b>21.7%</b>	NW	63	<b>24.7%</b>	<b>18.0%</b>
White	475	<b>77.2%</b>	<b>78.3%</b>	White	219	<b>75.3%</b>	<b>82.0%</b>
Chi-square, X-tab <sup>6</sup> : .785 not sig.				Chi-square, X-tab <sup>6</sup> : .195 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.113 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.102 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.4%</b>	<b>21.1%</b>	<b>10.5%</b>	<b>0.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>46.3%</b>	<b>30.0%</b>	<b>20.0%</b>	<b>3.8%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>69.1%</b>	<b>21.9%</b>	<b>6.2%</b>	<b>2.7%</b>			
Other	<b>60.6%</b>	<b>30.3%</b>	<b>0.0%</b>	<b>9.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SHREWSBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,314</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.6%</b>	Citations per 1000	
	Passing through:	<b>74.4%</b>	18 + residents:	<b>112.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,242)				ITP Stops <sup>3</sup> (N = 1,455)			
Mean age				Mean age			
<b>36.79</b>				<b>37.69</b>			
Gender %				Gender %			
Female <b>31.5%</b>				Female <b>32.1%</b>			
Male <b>68.5%</b>				Male <b>67.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>16.2%</b>				AA/Black <b>14.5%</b>			
Hispanic <b>19.4%</b>				Hispanic <b>18.9%</b>			
White <b>53.3%</b>				White <b>53.8%</b>			
Other <b>11.1%</b>				Other <b>12.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.2%</b>	<b>3.0%</b>	<b>13.2%</b>	AA/Black	<b>16.2%</b>	<b>14.5%</b>	<b>1.7%</b>
Hispanic	<b>19.4%</b>	<b>4.8%</b>	<b>14.6%</b>	Hispanic	<b>19.4%</b>	<b>15.2%</b>	<b>4.2%</b>
White	<b>53.3%</b>	<b>69.9%</b>	<b>-16.6%</b>	White	<b>53.3%</b>	<b>65.1%</b>	<b>-11.8%</b>
Other	<b>11.1%</b>	<b>22.8%</b>	<b>-11.7%</b>	Other	<b>11.1%</b>	<b>5.2%</b>	<b>5.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,413	<b>37.8%</b>	<b>56.2%</b>	NW	595	<b>42.5%</b>	<b>50.9%</b>
White	1,594	<b>62.2%</b>	<b>43.8%</b>	White	697	<b>57.5%</b>	<b>49.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .003* sig.			
Odds ratio Exp(B) <sup>7</sup> : .515* sig.				Odds ratio Exp(B) <sup>7</sup> : .795 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.7%</b>	<b>14.2%</b>	<b>7.2%</b>	<b>4.0%</b>	NW	<b>54</b>	<b>N/A</b>
Hispanic	<b>69.1%</b>	<b>16.9%</b>	<b>7.8%</b>	<b>6.3%</b>	White	<b>40</b>	<b>N/A</b>
White	<b>73.5%</b>	<b>17.8%</b>	<b>4.5%</b>	<b>4.3%</b>			
Other	<b>73.0%</b>	<b>24.5%</b>	<b>1.7%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SHUTESBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>104</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.1%</b>	Citations per 1000	
	Passing through:	<b>93.9%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 98)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>30.51</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>45.9%</b>				Female <b>N/A</b>			
Male <b>54.1%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>9.2%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>0.0%</b>				AA/Black <b>N/A</b>			
Hispanic <b>3.4%</b>				Hispanic <b>N/A</b>			
White <b>86.5%</b>				White <b>N/A</b>			
Other <b>10.1%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>0.0%</b>	<b>14.5%</b>	<b>-14.5%</b>
Hispanic	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.4%</b>	<b>15.2%</b>	<b>-11.8%</b>
White	<b>86.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>86.5%</b>	<b>65.1%</b>	<b>21.4%</b>
Other	<b>10.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>10.1%</b>	<b>5.2%</b>	<b>4.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>60.0%</b>	<b>20.0%</b>	<b>20.0%</b>	<b>0.0%</b>	White	<b>0</b>
White	<b>72.8%</b>	<b>21.0%</b>	<b>4.9%</b>	<b>1.2%</b>		
Other	<b>66.7%</b>	<b>33.3%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.752	not sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SOMERSET POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,790</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>37.2%</b>	Citations per 1000	
	Passing through:	<b>62.8%</b>	18 + residents:	<b>257.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,563)				ITP Stops <sup>3</sup> (N = 1,158)			
Mean age				Mean age			
<b>39.33</b>				<b>39.59</b>			
Gender %				Gender %			
Female		<b>44.4%</b>		Female		<b>41.7%</b>	
Male		<b>55.6%</b>		Male		<b>58.2%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.1%</b>	
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black		<b>4.1%</b>		AA/Black		<b>3.2%</b>	
Hispanic		<b>3.1%</b>		Hispanic		<b>2.8%</b>	
White		<b>91.6%</b>		White		<b>92.8%</b>	
Other		<b>1.1%</b>		Other		<b>1.1%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.1%</b>	<b>0.5%</b>	<b>3.6%</b>	AA/Black	<b>4.1%</b>	<b>14.5%</b>	<b>-10.4%</b>
Hispanic	<b>3.1%</b>	<b>0.9%</b>	<b>2.2%</b>	Hispanic	<b>3.1%</b>	<b>15.2%</b>	<b>-12.1%</b>
White	<b>91.6%</b>	<b>97.5%</b>	<b>-5.9%</b>	White	<b>91.6%</b>	<b>65.1%</b>	<b>26.5%</b>
Other	<b>1.1%</b>	<b>0.8%</b>	<b>0.3%</b>	Other	<b>1.1%</b>	<b>5.2%</b>	<b>-4.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	286	<b>6.8%</b>	<b>11.7%</b>	NW	72	<b>7.0%</b>	<b>7.3%</b>
White	3,114	<b>93.2%</b>	<b>88.3%</b>	White	952	<b>93.0%</b>	<b>92.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.841	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.535*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.052	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.6%</b>	<b>8.9%</b>	<b>19.6%</b>	<b>1.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>65.5%</b>	<b>13.4%</b>	<b>18.5%</b>	<b>2.5%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>84.4%</b>	<b>10.8%</b>	<b>4.2%</b>	<b>0.6%</b>			
Other	<b>90.5%</b>	<b>2.4%</b>	<b>7.1%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SOMERVILLE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,816</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.1%</b>	Citations per 1000	
	Passing through:	<b>74.9%</b>	18 + residents:	<b>53.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,647)				ITP Stops <sup>3</sup> (N = 540)			
Mean age				Mean age			
<b>40.63</b>				<b>39.78</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>35.9%</b>			
Male <b>63.9%</b>				Male <b>64.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>11.9%</b>				Race % Mis/Unk <sup>4</sup> <b>4.8%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>12.3%</b>			
Hispanic <b>13.8%</b>				Hispanic <b>18.9%</b>			
White <b>66.4%</b>				White <b>57.0%</b>			
Other <b>8.6%</b>				Other <b>11.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.3%</b>	<b>6.2%</b>	<b>5.1%</b>	AA/Black	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
Hispanic	<b>13.8%</b>	<b>12.4%</b>	<b>1.4%</b>	Hispanic	<b>13.8%</b>	<b>15.2%</b>	<b>-1.4%</b>
White	<b>66.4%</b>	<b>68.2%</b>	<b>-1.8%</b>	White	<b>66.4%</b>	<b>65.1%</b>	<b>1.3%</b>
Other	<b>8.6%</b>	<b>14.8%</b>	<b>-6.2%</b>	Other	<b>8.6%</b>	<b>5.2%</b>	<b>3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,043	<b>32.7%</b>	<b>43.9%</b>	NW	204	<b>41.1%</b>	<b>49.5%</b>
White	2,072	<b>67.3%</b>	<b>56.1%</b>	White	273	<b>58.9%</b>	<b>50.5%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .140 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .674* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.069 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>89.9%</b>	<b>4.1%</b>	<b>5.8%</b>	<b>0.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>93.9%</b>	<b>4.0%</b>	<b>1.1%</b>	<b>1.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>90.5%</b>	<b>7.7%</b>	<b>1.7%</b>	<b>0.2%</b>			
Other	<b>93.3%</b>	<b>6.0%</b>	<b>0.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SOUTH HADLEY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>651</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.0%</b>	Citations per 1000	
	Passing through:	<b>74.0%</b>	18 + residents:	<b>42.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 593)				ITP Stops <sup>3</sup> (N = 195)			
Mean age				Mean age			
<b>36.4</b>				<b>35.96</b>			
Gender %				Gender %			
Female <b>42.9%</b>				Female <b>34.0%</b>			
Male <b>56.9%</b>				Male <b>66.0%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>6.0%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>4.9%</b>				Hispanic <b>3.1%</b>			
White <b>88.1%</b>				White <b>90.7%</b>			
Other <b>1.0%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.0%</b>	<b>1.8%</b>	<b>4.2%</b>	AA/Black	<b>6.0%</b>	<b>14.5%</b>	<b>-8.5%</b>
Hispanic	<b>4.9%</b>	<b>6.4%</b>	<b>-1.5%</b>	Hispanic	<b>4.9%</b>	<b>15.2%</b>	<b>-10.3%</b>
White	<b>88.1%</b>	<b>84.8%</b>	<b>3.3%</b>	White	<b>88.1%</b>	<b>65.1%</b>	<b>23.0%</b>
Other	<b>1.0%</b>	<b>8.2%</b>	<b>-7.2%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	66	<b>10.2%</b>	<b>16.1%</b>	NW	16	<b>8.8%</b>	<b>10.3%</b>
White	483	<b>89.8%</b>	<b>83.9%</b>	White	155	<b>91.2%</b>	<b>89.7%</b>
Chi-square, X-tab <sup>6</sup> :		.053	not sig.	Chi-square, X-tab <sup>6</sup> :		.751	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.657	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.161	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.7%</b>	<b>5.3%</b>	<b>18.4%</b>	<b>2.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>53.3%</b>	<b>10.0%</b>	<b>36.7%</b>	<b>0.0%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>71.1%</b>	<b>8.1%</b>	<b>16.8%</b>	<b>4.0%</b>			
Other	<b>83.3%</b>	<b>16.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.240	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SOUTHAMPTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>294</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.3%</b>	Citations per 1000	
	Passing through:	<b>77.7%</b>	18 + residents:	<b>57.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 278)				ITP Stops <sup>3</sup> (N = 162)			
Mean age				Mean age			
<b>34.68</b>				<b>34.71</b>			
Gender %				Gender %			
Female <b>43.5%</b>				Female <b>43.2%</b>			
Male <b>56.1%</b>				Male <b>56.2%</b>			
Non-binary <b>0.4%</b>				Non-binary <b>0.6%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.7%</b>				Race % Mis/Unk <sup>4</sup> <b>4.9%</b>			
AA/Black <b>1.9%</b>				AA/Black <b>1.9%</b>			
Hispanic <b>8.7%</b>				Hispanic <b>4.5%</b>			
White <b>86.8%</b>				White <b>90.9%</b>			
Other <b>2.6%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.9%</b>	<b>0.4%</b>	<b>1.5%</b>	AA/Black	<b>1.9%</b>	<b>14.5%</b>	<b>-12.6%</b>
Hispanic	<b>8.7%</b>	<b>0.0%</b>	<b>8.7%</b>	Hispanic	<b>8.7%</b>	<b>15.2%</b>	<b>-6.5%</b>
White	<b>86.8%</b>	<b>95.6%</b>	<b>-8.8%</b>	White	<b>86.8%</b>	<b>65.1%</b>	<b>21.7%</b>
Other	<b>2.6%</b>	<b>3.9%</b>	<b>-1.3%</b>	Other	<b>2.6%</b>	<b>5.2%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	31	<b>10.4%</b>	<b>18.5%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	216	<b>89.6%</b>	<b>81.5%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .094 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .416* sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>83.3%</b>	<b>16.7%</b>	<b>0.0%</b>	<b>0.0%</b>	NW	<b>0</b>	
Hispanic	<b>79.2%</b>	<b>16.7%</b>	<b>4.2%</b>	<b>0.0%</b>	White	<b>1</b>	
White	<b>75.7%</b>	<b>15.2%</b>	<b>7.0%</b>	<b>2.1%</b>			
Other	<b>71.4%</b>	<b>28.6%</b>	<b>0.0%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> : .972 not sig.						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SOUTHBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,230</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.7%</b>	Citations per 1000	
	Passing through:	<b>90.3%</b>	18 + residents:	<b>428.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,176)				ITP Stops <sup>3</sup> (N = 1,115)			
Mean age				Mean age			
<b>38.38</b>				<b>39.12</b>			
Gender %				Gender %			
Female <b>37.2%</b>				Female <b>38.5%</b>			
Male <b>62.7%</b>				Male <b>61.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.2%</b>				Race % Mis/Unk <sup>4</sup> <b>0.1%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>9.4%</b>			
Hispanic <b>17.6%</b>				Hispanic <b>16.2%</b>			
White <b>59.5%</b>				White <b>61.2%</b>			
Other <b>11.6%</b>				Other <b>13.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>11.3%</b>	<b>0.7%</b>	<b>10.6%</b>	AA/Black	<b>11.3%</b>	<b>-3.2%</b>
Hispanic	<b>17.6%</b>	<b>3.9%</b>	<b>13.7%</b>	Hispanic	<b>17.6%</b>	<b>2.4%</b>
White	<b>59.5%</b>	<b>79.2%</b>	<b>-19.7%</b>	White	<b>59.5%</b>	<b>-5.6%</b>
Other	<b>11.6%</b>	<b>15.5%</b>	<b>-3.9%</b>	Other	<b>11.6%</b>	<b>6.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,228	<b>32.1%</b>	<b>51.9%</b>	NW	376	<b>36.2%</b>	<b>43.4%</b>
White	1,805	<b>67.9%</b>	<b>48.1%</b>	White	604	<b>63.8%</b>	<b>56.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .031* sig.			
Odds ratio Exp(B) <sup>7</sup> : .442* sig.				Odds ratio Exp(B) <sup>7</sup> : .653* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>77.8%</b>	<b>10.8%</b>	<b>10.2%</b>	<b>1.1%</b>	NW	<b>135</b>	<b>49.1%</b>
Hispanic	<b>63.9%</b>	<b>12.5%</b>	<b>19.7%</b>	<b>3.9%</b>	White	<b>140</b>	<b>50.9%</b>
White	<b>81.4%</b>	<b>12.5%</b>	<b>5.1%</b>	<b>1.0%</b>			
Other	<b>90.2%</b>	<b>6.0%</b>	<b>3.3%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SOUTHBRIDGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>947</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>56.5%</b>	Citations per 1000	
	Passing through:	<b>43.5%</b>	18 + residents:	<b>72.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 843)				ITP Stops <sup>3</sup> (N = 284)			
Mean age				Mean age			
<b>35.41</b>				<b>33.77</b>			
Gender %				Gender %			
Female <b>34.6%</b>				Female <b>29.8%</b>			
Male <b>65.4%</b>				Male <b>70.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>6.9%</b>				AA/Black <b>8.0%</b>			
Hispanic <b>28.9%</b>				Hispanic <b>26.1%</b>			
White <b>63.2%</b>				White <b>64.5%</b>			
Other <b>1.0%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>3.4%</b>	<b>3.5%</b>	AA/Black	<b>6.9%</b>	<b>14.5%</b>	<b>-7.6%</b>
Hispanic	<b>28.9%</b>	<b>32.9%</b>	<b>-4.0%</b>	Hispanic	<b>28.9%</b>	<b>15.2%</b>	<b>13.7%</b>
White	<b>63.2%</b>	<b>62.9%</b>	<b>0.3%</b>	White	<b>63.2%</b>	<b>65.1%</b>	<b>-1.9%</b>
Other	<b>1.0%</b>	<b>4.8%</b>	<b>-3.8%</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	287	<b>35.2%</b>	<b>41.3%</b>	NW	91	<b>32.3%</b>	<b>41.2%</b>
White	485	<b>64.8%</b>	<b>58.7%</b>	White	164	<b>67.7%</b>	<b>58.8%</b>
Chi-square, X-tab <sup>6</sup> :		.104	not sig.	Chi-square, X-tab <sup>6</sup> :		.147	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.781	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.689	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>23.3%</b>	<b>12.3%</b>	<b>56.2%</b>	<b>8.2%</b>	NW	<b>17</b>	<b>N/A</b>
Hispanic	<b>43.7%</b>	<b>13.7%</b>	<b>37.6%</b>	<b>4.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>52.1%</b>	<b>15.3%</b>	<b>29.7%</b>	<b>2.9%</b>			
Other	<b>87.5%</b>	<b>0.0%</b>	<b>12.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SOUTHWICK POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,123</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>26.2%</b>	Citations per 1000	
	Passing through:	<b>73.8%</b>	18 + residents:	<b>143.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,094)				ITP Stops <sup>3</sup> (N = 283)			
Mean age				Mean age			
<b>38.84</b>				<b>36.93</b>			
Gender %				Gender %			
Female <b>37.0%</b>				Female <b>33.0%</b>			
Male <b>63.0%</b>				Male <b>67.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>3.8%</b>				AA/Black <b>2.2%</b>			
Hispanic <b>3.6%</b>				Hispanic <b>3.6%</b>			
White <b>92.1%</b>				White <b>93.5%</b>			
Other <b>0.6%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>3.8%</b>	<b>0.1%</b>	<b>3.7%</b>	AA/Black	<b>3.8%</b>	<b>14.5%</b>	<b>-10.7%</b>
Hispanic	<b>3.6%</b>	<b>3.5%</b>	<b>0.1%</b>	Hispanic	<b>3.6%</b>	<b>15.2%</b>	<b>-11.6%</b>
White	<b>92.1%</b>	<b>92.8%</b>	<b>-0.7%</b>	White	<b>92.1%</b>	<b>65.1%</b>	<b>27.0%</b>
Other	<b>0.6%</b>	<b>3.6%</b>	<b>-3.0%</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	85	<b>7.1%</b>	<b>10.7%</b>	NW	17	<b>7.5%</b>	<b>6.1%</b>
White	966	<b>92.9%</b>	<b>89.3%</b>	White	231	<b>92.5%</b>	<b>93.9%</b>
Chi-square, X-tab <sup>6</sup> :		.053	not sig.	Chi-square, X-tab <sup>6</sup> :		.656	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.615	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.084	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.9%</b>	<b>11.9%</b>	<b>26.2%</b>	<b>0.0%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>64.3%</b>	<b>14.3%</b>	<b>14.3%</b>	<b>7.1%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>82.7%</b>	<b>11.4%</b>	<b>4.5%</b>	<b>1.5%</b>			
Other	<b>50.0%</b>	<b>33.3%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SPENCER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>405</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>33.7%</b>	Citations per 1000	
	Passing through:	<b>66.3%</b>	18 + residents:	<b>40.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 377)				ITP Stops <sup>3</sup> (N = 142)			
Mean age				Mean age			
<b>35.13</b>				<b>36.4</b>			
Gender %				Gender %			
Female <b>39.6%</b>				Female <b>40.0%</b>			
Male <b>60.2%</b>				Male <b>60.0%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>7.5%</b>				AA/Black <b>4.3%</b>			
Hispanic <b>11.7%</b>				Hispanic <b>7.9%</b>			
White <b>79.3%</b>				White <b>87.1%</b>			
Other <b>1.4%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.5%</b>	<b>1.0%</b>	<b>6.5%</b>	AA/Black	<b>7.5%</b>	<b>14.5%</b>	<b>-7.0%</b>
Hispanic	<b>11.7%</b>	<b>3.3%</b>	<b>8.4%</b>	Hispanic	<b>11.7%</b>	<b>15.2%</b>	<b>-3.5%</b>
White	<b>79.3%</b>	<b>90.0%</b>	<b>-10.7%</b>	White	<b>79.3%</b>	<b>65.1%</b>	<b>14.2%</b>
Other	<b>1.4%</b>	<b>5.8%</b>	<b>-4.4%</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	71	<b>11.2%</b>	<b>40.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	267	<b>88.8%</b>	<b>60.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.174*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>36.7%</b>	<b>20.0%</b>	<b>23.3%</b>	<b>20.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>48.8%</b>	<b>18.6%</b>	<b>25.6%</b>	<b>7.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>57.7%</b>	<b>18.6%</b>	<b>17.3%</b>	<b>6.5%</b>			
Other	<b>60.0%</b>	<b>40.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.142	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SPRINGFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>13,794</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>68.8%</b>	Citations per 1000	
	Passing through:	<b>31.2%</b>	18 + residents:	<b>119.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 12,809)				ITP Stops <sup>3</sup> (N = 4,532)			
Mean age				Mean age			
<b>36.89</b>				<b>36.25</b>			
Gender %				Gender %			
Female <b>41.1%</b>				Female <b>41.4%</b>			
Male <b>58.8%</b>				Male <b>58.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>27.7%</b>				AA/Black <b>28.0%</b>			
Hispanic <b>25.3%</b>				Hispanic <b>28.2%</b>			
White <b>45.5%</b>				White <b>42.3%</b>			
Other <b>1.4%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>27.7%</b>	<b>20.9%</b>	<b>6.8%</b>	AA/Black	<b>27.7%</b>	<b>14.5%</b>	<b>13.2%</b>
Hispanic	<b>25.3%</b>	<b>45.0%</b>	<b>-19.7%</b>	Hispanic	<b>25.3%</b>	<b>15.2%</b>	<b>10.1%</b>
White	<b>45.5%</b>	<b>31.2%</b>	<b>14.3%</b>	White	<b>45.5%</b>	<b>65.1%</b>	<b>-19.6%</b>
Other	<b>1.4%</b>	<b>7.6%</b>	<b>-6.2%</b>	Other	<b>1.4%</b>	<b>5.2%</b>	<b>-3.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	6,013	<b>55.8%</b>	<b>57.1%</b>	NW	2,359	<b>59.4%</b>	<b>55.0%</b>
White	4,678	<b>44.2%</b>	<b>42.9%</b>	White	1,740	<b>40.6%</b>	<b>45.0%</b>
Chi-square, X-tab <sup>6</sup> :		.187	not sig.	Chi-square, X-tab <sup>6</sup> :		.005*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.930	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.938	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>64.5%</b>	<b>24.6%</b>	<b>10.8%</b>	<b>0.1%</b>	NW	<b>27</b>	<b>N/A</b>
Hispanic	<b>66.6%</b>	<b>32.4%</b>	<b>1.0%</b>	<b>0.0%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>62.1%</b>	<b>24.3%</b>	<b>13.5%</b>	<b>0.0%</b>			
Other	<b>72.4%</b>	<b>25.0%</b>	<b>2.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
STERLING POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>307</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.2%</b>	Citations per 1000	
	Passing through:	<b>72.8%</b>	18 + residents:	<b>48.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 287)				ITP Stops <sup>3</sup> (N = 94)			
Mean age				Mean age			
<b>36.51</b>				<b>34.03</b>			
Gender %				Gender %			
Female <b>36.4%</b>				Female <b>29.8%</b>			
Male <b>63.6%</b>				Male <b>70.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.6%</b>				Race % Mis/Unk <sup>4</sup> <b>5.3%</b>			
AA/Black <b>8.2%</b>				AA/Black <b>7.9%</b>			
Hispanic <b>15.3%</b>				Hispanic <b>12.4%</b>			
White <b>73.9%</b>				White <b>77.5%</b>			
Other <b>2.6%</b>				Other <b>2.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>8.2%</b>	<b>1.3%</b>	<b>6.9%</b>	AA/Black	<b>8.2%</b>	<b>-6.3%</b>
Hispanic	<b>15.3%</b>	<b>5.1%</b>	<b>10.2%</b>	Hispanic	<b>15.3%</b>	<b>0.1%</b>
White	<b>73.9%</b>	<b>92.4%</b>	<b>-18.5%</b>	White	<b>73.9%</b>	<b>8.8%</b>
Other	<b>2.6%</b>	<b>1.5%</b>	<b>1.1%</b>	Other	<b>2.6%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	67	<b>22.6%</b>	<b>39.0%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	187	<b>77.4%</b>	<b>61.0%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.012*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.467*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.0%</b>	<b>4.0%</b>	<b>20.0%</b>	<b>16.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.6%</b>	<b>20.9%</b>	<b>51.2%</b>	<b>2.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>59.2%</b>	<b>17.8%</b>	<b>15.5%</b>	<b>7.5%</b>			
Other	<b>71.4%</b>	<b>0.0%</b>	<b>28.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
STOCKBRIDGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>834</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>5.9%</b>	Citations per 1000	
	Passing through:	<b>94.1%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 793)				ITP Stops <sup>3</sup> (N = 313)			
Mean age				Mean age			
<b>45.73</b>				<b>41.69</b>			
Gender %				Gender %			
Female <b>45.8%</b>				Female <b>38.7%</b>			
Male <b>54.1%</b>				Male <b>61.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>5.7%</b>				AA/Black <b>7.1%</b>			
Hispanic <b>2.2%</b>				Hispanic <b>2.6%</b>			
White <b>91.2%</b>				White <b>88.7%</b>			
Other <b>0.9%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>5.7%</b>	<b>14.5%</b>	<b>-8.8%</b>
Hispanic	<b>2.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>2.2%</b>	<b>15.2%</b>	<b>-13.0%</b>
White	<b>91.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>91.2%</b>	<b>65.1%</b>	<b>26.1%</b>
Other	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	61	<b>7.5%</b>	<b>12.7%</b>	NW	30	<b>10.6%</b>	<b>12.5%</b>
White	665	<b>92.5%</b>	<b>87.3%</b>	White	242	<b>89.4%</b>	<b>87.5%</b>
Chi-square, X-tab <sup>6</sup> :		.056	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.693	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.537	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.865	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>89.4%</b>	<b>2.1%</b>	<b>8.5%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>77.8%</b>	<b>11.1%</b>	<b>11.1%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>93.5%</b>	<b>4.0%</b>	<b>2.4%</b>	<b>0.1%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.129	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
STONEHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>573</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.7%</b>	Citations per 1000	
	Passing through:	<b>71.3%</b>	18 + residents:	<b>28.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 543)				ITP Stops <sup>3</sup> (N = 174)			
Mean age				Mean age			
<b>43.52</b>				<b>42.74</b>			
Gender %				Gender %			
Female		<b>40.5%</b>		Female		<b>35.5%</b>	
Male		<b>59.5%</b>		Male		<b>64.5%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup> <b>7.9%</b>		Race %		Mis/Unk <sup>4</sup> <b>9.2%</b>	
AA/Black		<b>4.8%</b>		AA/Black		<b>4.4%</b>	
Hispanic		<b>3.2%</b>		Hispanic		<b>2.5%</b>	
White		<b>87.8%</b>		White		<b>87.3%</b>	
Other		<b>4.2%</b>		Other		<b>5.7%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.8%</b>	<b>3.0%</b>	<b>1.8%</b>	AA/Black	<b>4.8%</b>	<b>14.5%</b>	<b>-9.7%</b>
Hispanic	<b>3.2%</b>	<b>3.3%</b>	<b>-0.1%</b>	Hispanic	<b>3.2%</b>	<b>15.2%</b>	<b>-12.0%</b>
White	<b>87.8%</b>	<b>87.7%</b>	<b>0.1%</b>	White	<b>87.8%</b>	<b>65.1%</b>	<b>22.7%</b>
Other	<b>4.2%</b>	<b>5.6%</b>	<b>-1.4%</b>	Other	<b>4.2%</b>	<b>5.2%</b>	<b>-1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	54	<b>11.7%</b>	<b>12.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	401	<b>88.3%</b>	<b>87.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.873	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.822	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.1%</b>	<b>3.8%</b>	<b>19.2%</b>	<b>3.8%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>63.2%</b>	<b>0.0%</b>	<b>36.8%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>83.7%</b>	<b>5.2%</b>	<b>10.0%</b>	<b>1.1%</b>			
Other	<b>90.9%</b>	<b>4.5%</b>	<b>4.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.027*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
STOUGHTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,458</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>30.1%</b>	Citations per 1000	
	Passing through:	<b>69.9%</b>	18 + residents:	<b>62.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,318)				ITP Stops <sup>3</sup> (N = 380)			
Mean age				Mean age			
<b>40.57</b>				<b>39.81</b>			
Gender %				Gender %			
Female <b>38.0%</b>				Female <b>41.1%</b>			
Male <b>62.0%</b>				Male <b>58.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.3%</b>				Race % Mis/Unk <sup>4</sup> <b>1.6%</b>			
AA/Black <b>37.8%</b>				AA/Black <b>41.2%</b>			
Hispanic <b>4.3%</b>				Hispanic <b>2.7%</b>			
White <b>54.5%</b>				White <b>54.0%</b>			
Other <b>3.5%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>37.8%</b>	<b>15.0%</b>	<b>22.8%</b>	AA/Black	<b>37.8%</b>	<b>14.5%</b>	<b>23.3%</b>
Hispanic	<b>4.3%</b>	<b>3.8%</b>	<b>0.5%</b>	Hispanic	<b>4.3%</b>	<b>15.2%</b>	<b>-10.9%</b>
White	<b>54.5%</b>	<b>71.5%</b>	<b>-17.0%</b>	White	<b>54.5%</b>	<b>65.1%</b>	<b>-10.6%</b>
Other	<b>3.5%</b>	<b>8.9%</b>	<b>-5.4%</b>	Other	<b>3.5%</b>	<b>5.2%</b>	<b>-1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	533	<b>42.8%</b>	<b>51.8%</b>	NW	154	<b>44.4%</b>	<b>44.9%</b>
White	654	<b>57.2%</b>	<b>48.2%</b>	White	192	<b>55.6%</b>	<b>55.1%</b>
Chi-square, X-tab <sup>6</sup> : .009* sig.				Chi-square, X-tab <sup>6</sup> : .924 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .704* sig.				Odds ratio Exp(B) <sup>7</sup> : .944 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.6%</b>	<b>17.7%</b>	<b>19.7%</b>	<b>0.9%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>28.4%</b>	<b>38.8%</b>	<b>32.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>67.3%</b>	<b>18.8%</b>	<b>12.6%</b>	<b>1.2%</b>			
Other	<b>76.1%</b>	<b>13.0%</b>	<b>10.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
STOW POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>370</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.9%</b>	Citations per 1000	
	Passing through:	<b>82.1%</b>	18 + residents:	<b>69.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 351)				ITP Stops <sup>3</sup> (N = 192)			
Mean age				Mean age			
<b>40.84</b>				<b>39.99</b>			
Gender %				Gender %			
Female <b>37.1%</b>				Female <b>34.4%</b>			
Male <b>62.9%</b>				Male <b>65.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>5.8%</b>			
Hispanic <b>7.8%</b>				Hispanic <b>11.5%</b>			
White <b>84.4%</b>				White <b>80.6%</b>			
Other <b>3.7%</b>				Other <b>2.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>0.0%</b>	<b>4.0%</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>7.8%</b>	<b>2.9%</b>	<b>4.9%</b>	Hispanic	<b>7.8%</b>	<b>15.2%</b>	<b>-7.4%</b>
White	<b>84.4%</b>	<b>88.4%</b>	<b>-4.0%</b>	White	<b>84.4%</b>	<b>65.1%</b>	<b>19.3%</b>
Other	<b>3.7%</b>	<b>5.7%</b>	<b>-2.0%</b>	Other	<b>3.7%</b>	<b>5.2%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	<b>13.3%</b>	<b>18.8%</b>	NW	31	<b>18.5%</b>	<b>19.7%</b>
White	271	<b>86.7%</b>	<b>81.2%</b>	White	132	<b>81.5%</b>	<b>80.3%</b>
Chi-square, X-tab <sup>6</sup> :		.200	not sig.	Chi-square, X-tab <sup>6</sup> :		.841	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.756	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.233	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.1%</b>	<b>7.1%</b>	<b>35.7%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>53.3%</b>	<b>0.0%</b>	<b>46.7%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>84.7%</b>	<b>3.6%</b>	<b>10.4%</b>	<b>1.3%</b>			
Other	<b>84.6%</b>	<b>15.4%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
STURBRIDGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,695</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.3%</b>	Citations per 1000	
	Passing through:	<b>87.7%</b>	18 + residents:	<b>514.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,607)				ITP Stops <sup>3</sup> (N = 1,154)			
Mean age				Mean age			
<b>37.81</b>				<b>37.84</b>			
Gender %				Gender %			
Female <b>38.9%</b>				Female <b>36.2%</b>			
Male <b>60.9%</b>				Male <b>63.6%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>7.6%</b>				AA/Black <b>6.1%</b>			
Hispanic <b>12.0%</b>				Hispanic <b>10.8%</b>			
White <b>76.9%</b>				White <b>80.4%</b>			
Other <b>3.4%</b>				Other <b>2.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.6%</b>	<b>0.8%</b>	<b>6.8%</b>	AA/Black	<b>7.6%</b>	<b>14.5%</b>	<b>-6.9%</b>
Hispanic	<b>12.0%</b>	<b>3.0%</b>	<b>9.0%</b>	Hispanic	<b>12.0%</b>	<b>15.2%</b>	<b>-3.2%</b>
White	<b>76.9%</b>	<b>92.2%</b>	<b>-15.3%</b>	White	<b>76.9%</b>	<b>65.1%</b>	<b>11.8%</b>
Other	<b>3.4%</b>	<b>3.4%</b>	<b>0.0%</b>	Other	<b>3.4%</b>	<b>5.2%</b>	<b>-1.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	797	<b>16.2%</b>	<b>32.0%</b>	NW	198	<b>18.2%</b>	<b>21.7%</b>
White	2,634	<b>83.8%</b>	<b>68.0%</b>	White	809	<b>81.8%</b>	<b>78.3%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.176	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.392*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.756	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.8%</b>	<b>13.7%</b>	<b>15.8%</b>	<b>4.6%</b>	NW	<b>13</b>	<b>N/A</b>
Hispanic	<b>66.6%</b>	<b>10.9%</b>	<b>20.9%</b>	<b>1.6%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>83.7%</b>	<b>8.2%</b>	<b>6.2%</b>	<b>1.9%</b>			
Other	<b>80.8%</b>	<b>12.0%</b>	<b>6.4%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SUDBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,803</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.8%</b>	Citations per 1000	
	Passing through:	<b>71.2%</b>	18 + residents:	<b>127.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,743)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .685 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .614* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.155 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SUNDERLAND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>224</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.0%</b>	Citations per 1000	
	Passing through:	<b>81.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 210)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.64</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>46.4%</b>		Female		<b>N/A</b>	
Male		<b>53.1%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.4%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>3.3%</b>				<b>N/A</b>	
AA/Black		<b>6.4%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>3.9%</b>		Hispanic		<b>N/A</b>	
White		<b>85.2%</b>		White		<b>N/A</b>	
Other		<b>4.4%</b>		Other		<b>N/A</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.4%</b>	<b>14.5%</b>	<b>-8.1%</b>
Hispanic	<b>3.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.9%</b>	<b>15.2%</b>	<b>-11.3%</b>
White	<b>85.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.2%</b>	<b>65.1%</b>	<b>20.1%</b>
Other	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.4%</b>	<b>5.2%</b>	<b>-0.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>75.0%</b>	<b>6.3%</b>	<b>18.8%</b>	<b>0.0%</b>	NW	<b>3</b>
Hispanic	<b>50.0%</b>	<b>0.0%</b>	<b>50.0%</b>	<b>0.0%</b>	White	<b>2</b>
White	<b>64.1%</b>	<b>17.1%</b>	<b>14.9%</b>	<b>3.9%</b>		
Other	<b>33.3%</b>	<b>55.6%</b>	<b>11.1%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.012*	sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SUTTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>784</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.4%</b>	Citations per 1000	
	Passing through:	<b>90.6%</b>	18 + residents:	<b>107.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 725)				ITP Stops <sup>3</sup> (N = 221)			
Mean age				Mean age			
<b>36.01</b>				<b>36.96</b>			
Gender %				Gender %			
Female <b>30.0%</b>				Female <b>25.7%</b>			
Male <b>69.7%</b>				Male <b>74.3%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>11.6%</b>				AA/Black <b>11.1%</b>			
Hispanic <b>10.3%</b>				Hispanic <b>7.4%</b>			
White <b>76.5%</b>				White <b>80.2%</b>			
Other <b>1.6%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.6%</b>	<b>2.2%</b>	<b>9.4%</b>	AA/Black	<b>11.6%</b>	<b>14.5%</b>	<b>-2.9%</b>
Hispanic	<b>10.3%</b>	<b>1.6%</b>	<b>8.7%</b>	Hispanic	<b>10.3%</b>	<b>15.2%</b>	<b>-4.9%</b>
White	<b>76.5%</b>	<b>92.3%</b>	<b>-15.8%</b>	White	<b>76.5%</b>	<b>65.1%</b>	<b>11.4%</b>
Other	<b>1.6%</b>	<b>3.8%</b>	<b>-2.2%</b>	Other	<b>1.6%</b>	<b>5.2%</b>	<b>-3.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	151	<b>23.1%</b>	<b>24.5%</b>	NW	35	<b>20.2%</b>	<b>17.1%</b>
White	490	<b>76.9%</b>	<b>75.5%</b>	White	150	<b>79.8%</b>	<b>82.9%</b>
Chi-square, X-tab <sup>6</sup> :		.698	not sig.	Chi-square, X-tab <sup>6</sup> :		.599	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.901	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.223	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>16.5%</b>	<b>23.1%</b>	<b>52.7%</b>	<b>7.7%</b>	NW	<b>0</b>
Hispanic	<b>27.3%</b>	<b>7.8%</b>	<b>59.7%</b>	<b>5.2%</b>	White	<b>4</b>
White	<b>46.1%</b>	<b>24.9%</b>	<b>24.2%</b>	<b>4.8%</b>		
Other	<b>35.7%</b>	<b>21.4%</b>	<b>28.6%</b>	<b>14.3%</b>		
Chi-square, X-tab <sup>6</sup> :		.000* sig.				
					Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SWAMPSCOTT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,475</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.2%</b>	Citations per 1000	
	Passing through:	<b>78.8%</b>	18 + residents:	<b>123.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,442)				ITP Stops <sup>3</sup> (N = 399)			
Mean age				Mean age			
<b>42.18</b>				<b>39.83</b>			
Gender %				Gender %			
Female		<b>43.3%</b>		Female		<b>41.7%</b>	
Male		<b>56.6%</b>		Male		<b>58.1%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.3%</b>	
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>3.5%</b>			
AA/Black		<b>10.5%</b>		AA/Black		<b>12.5%</b>	
Hispanic		<b>20.7%</b>		Hispanic		<b>19.7%</b>	
White		<b>64.0%</b>		White		<b>63.4%</b>	
Other		<b>4.7%</b>		Other		<b>4.4%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.5%</b>	<b>1.5%</b>	<b>9.0%</b>	AA/Black	<b>10.5%</b>	<b>14.5%</b>	<b>-4.0%</b>
Hispanic	<b>20.7%</b>	<b>2.5%</b>	<b>18.2%</b>	Hispanic	<b>20.7%</b>	<b>15.2%</b>	<b>5.5%</b>
White	<b>64.0%</b>	<b>91.7%</b>	<b>-27.7%</b>	White	<b>64.0%</b>	<b>65.1%</b>	<b>-1.1%</b>
Other	<b>4.7%</b>	<b>4.3%</b>	<b>0.4%</b>	Other	<b>4.7%</b>	<b>5.2%</b>	<b>-0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	487	<b>29.5%</b>	<b>49.9%</b>	NW	118	<b>38.2%</b>	<b>30.9%</b>
White	872	<b>70.5%</b>	<b>50.1%</b>	White	209	<b>61.8%</b>	<b>69.1%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.211	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.429*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.497	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.0%</b>	<b>6.0%</b>	<b>6.7%</b>	<b>1.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>73.0%</b>	<b>8.7%</b>	<b>13.5%</b>	<b>4.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>87.3%</b>	<b>7.7%</b>	<b>4.0%</b>	<b>1.0%</b>			
Other	<b>94.0%</b>	<b>4.5%</b>	<b>1.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
SWANSEA POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,501</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.3%</b>	Citations per 1000	
	Passing through:	<b>72.7%</b>	18 + residents:	<b>108.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,248)				ITP Stops <sup>3</sup> (N = 374)			
Mean age				Mean age			
<b>39.89</b>				<b>39.58</b>			
Gender %				Gender %			
Female <b>40.8%</b>				Female <b>35.3%</b>			
Male <b>59.2%</b>				Male <b>64.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>2.4%</b>			
Hispanic <b>2.3%</b>				Hispanic <b>2.7%</b>			
White <b>92.3%</b>				White <b>93.3%</b>			
Other <b>1.5%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>0.2%</b>	<b>3.8%</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>2.3%</b>	<b>0.5%</b>	<b>1.8%</b>	Hispanic	<b>2.3%</b>	<b>15.2%</b>	<b>-12.9%</b>
White	<b>92.3%</b>	<b>96.4%</b>	<b>-4.1%</b>	White	<b>92.3%</b>	<b>65.1%</b>	<b>27.2%</b>
Other	<b>1.5%</b>	<b>2.8%</b>	<b>-1.3%</b>	Other	<b>1.5%</b>	<b>5.2%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	86	<b>6.2%</b>	<b>9.2%</b>	NW	18	<b>4.1%</b>	<b>6.5%</b>
White	1,103	<b>93.8%</b>	<b>90.8%</b>	White	315	<b>95.9%</b>	<b>93.5%</b>
Chi-square, X-tab <sup>6</sup> : .061 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .342 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .552* <i>sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .429 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.1%</b>	<b>3.0%</b>	<b>17.9%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>60.0%</b>	<b>5.7%</b>	<b>34.3%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>88.1%</b>	<b>5.0%</b>	<b>5.6%</b>	<b>1.2%</b>			
Other	<b>78.3%</b>	<b>8.7%</b>	<b>13.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TAUNTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>742</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>51.2%</b>	Citations per 1000	
	Passing through:	<b>48.8%</b>	18 + residents:	<b>16.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 576)				ITP Stops <sup>3</sup> (N = 164)			
Mean age				Mean age			
<b>37.56</b>				<b>37.54</b>			
Gender %				Gender %			
Female <b>38.0%</b>				Female <b>40.6%</b>			
Male <b>61.8%</b>				Male <b>59.4%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.6%</b>				Race % Mis/Unk <sup>4</sup> <b>3.7%</b>			
AA/Black <b>22.2%</b>				AA/Black <b>18.4%</b>			
Hispanic <b>2.5%</b>				Hispanic <b>1.3%</b>			
White <b>74.6%</b>				White <b>79.7%</b>			
Other <b>0.7%</b>				Other <b>0.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>22.2%</b>	<b>8.8%</b>	<b>13.4%</b>	AA/Black	<b>22.2%</b>	<b>14.5%</b>	<b>7.7%</b>
Hispanic	<b>2.5%</b>	<b>9.0%</b>	<b>-6.5%</b>	Hispanic	<b>2.5%</b>	<b>15.2%</b>	<b>-12.7%</b>
White	<b>74.6%</b>	<b>75.0%</b>	<b>-0.4%</b>	White	<b>74.6%</b>	<b>65.1%</b>	<b>9.5%</b>
Other	<b>0.7%</b>	<b>5.9%</b>	<b>-5.2%</b>	Other	<b>0.7%</b>	<b>5.2%</b>	<b>-4.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	122	<b>25.5%</b>	<b>23.0%</b>	NW	26	<b>20.4%</b>	<b>13.0%</b>
White	374	<b>74.5%</b>	<b>77.0%</b>	White	118	<b>79.6%</b>	<b>87.0%</b>
Chi-square, X-tab <sup>6</sup> :		.545	not sig.	Chi-square, X-tab <sup>6</sup> :		.284	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.368	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.787	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>48.2%</b>	<b>17.7%</b>	<b>29.3%</b>	<b>4.9%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>47.4%</b>	<b>10.5%</b>	<b>36.8%</b>	<b>5.3%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>57.3%</b>	<b>14.5%</b>	<b>24.2%</b>	<b>4.0%</b>			
Other	<b>50.0%</b>	<b>16.7%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.736	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TEMPLETON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>518</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.6%</b>	Citations per 1000	
	Passing through:	<b>88.4%</b>	18 + residents:	<b>79.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 501)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 3.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .489 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : 1.509 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .005* sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TEWKSBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,637</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>27.1%</b>	Citations per 1000	
	Passing through:	<b>72.9%</b>	18 + residents:	<b>144.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,435)				ITP Stops <sup>3</sup> (N = 548)			
Mean age				Mean age			
<b>38.39</b>				<b>38.82</b>			
Gender %				Gender %			
Female <b>41.1%</b>				Female <b>36.7%</b>			
Male <b>58.8%</b>				Male <b>63.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.4%</b>			
AA/Black <b>9.8%</b>				AA/Black <b>12.8%</b>			
Hispanic <b>15.3%</b>				Hispanic <b>14.8%</b>			
White <b>69.0%</b>				White <b>66.7%</b>			
Other <b>5.9%</b>				Other <b>5.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.8%</b>	<b>2.4%</b>	<b>7.4%</b>	AA/Black	<b>9.8%</b>	<b>14.5%</b>	<b>-4.7%</b>
Hispanic	<b>15.3%</b>	<b>2.2%</b>	<b>13.1%</b>	Hispanic	<b>15.3%</b>	<b>15.2%</b>	<b>0.1%</b>
White	<b>69.0%</b>	<b>90.1%</b>	<b>-21.1%</b>	White	<b>69.0%</b>	<b>65.1%</b>	<b>3.9%</b>
Other	<b>5.9%</b>	<b>5.2%</b>	<b>0.7%</b>	Other	<b>5.9%</b>	<b>5.2%</b>	<b>0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,024	<b>28.1%</b>	<b>40.1%</b>	NW	158	<b>33.5%</b>	<b>32.6%</b>
White	2,284	<b>71.9%</b>	<b>59.9%</b>	White	320	<b>66.5%</b>	<b>67.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .847 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .585* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.122 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.5%</b>	<b>3.9%</b>	<b>8.4%</b>	<b>5.3%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>79.1%</b>	<b>5.9%</b>	<b>11.0%</b>	<b>4.0%</b>	White	<b>17</b>	<b>N/A</b>
White	<b>86.4%</b>	<b>5.7%</b>	<b>4.8%</b>	<b>3.2%</b>			
Other	<b>91.0%</b>	<b>6.2%</b>	<b>1.9%</b>	<b>1.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TISBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>179</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.9%</b>	Citations per 1000	
	Passing through:	<b>61.1%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 113)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.15</b>				<b>N/A</b>			
Gender %				Gender %			
Female		<b>24.3%</b>		Female		<b>N/A</b>	
Male		<b>74.8%</b>		Male		<b>N/A</b>	
Non-binary		<b>0.9%</b>		Non-binary		<b>N/A</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
AA/Black		<b>11.0%</b>		AA/Black		<b>N/A</b>	
Hispanic		<b>0.0%</b>		Hispanic		<b>N/A</b>	
White		<b>88.1%</b>		White		<b>N/A</b>	
Other		<b>0.9%</b>		Other		<b>N/A</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.0%</b>	<b>14.5%</b>	<b>-3.5%</b>
Hispanic	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>0.0%</b>	<b>15.2%</b>	<b>-15.2%</b>
White	<b>88.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>88.1%</b>	<b>65.1%</b>	<b>23.0%</b>
Other	<b>0.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.9%</b>	<b>5.2%</b>	<b>-4.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>36.8%</b>	<b>21.1%</b>	<b>42.1%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>
White	<b>37.9%</b>	<b>11.1%</b>	<b>41.8%</b>	<b>9.2%</b>		
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.575	not sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TOLLAND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>184</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>5.4%</b>	Citations per 1000	
	Passing through:	<b>94.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 184)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>40.77</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>29.8%</b>				Female <b>N/A</b>			
Male <b>70.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>10.9%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>1.8%</b>				AA/Black <b>N/A</b>			
Hispanic <b>1.2%</b>				Hispanic <b>N/A</b>			
White <b>93.3%</b>				White <b>N/A</b>			
Other <b>3.7%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>1.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>1.8%</b>	<b>14.5%</b>	<b>-12.7%</b>
Hispanic	<b>1.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>1.2%</b>	<b>15.2%</b>	<b>-14.0%</b>
White	<b>93.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>93.3%</b>	<b>65.1%</b>	<b>28.2%</b>
Other	<b>3.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.7%</b>	<b>5.2%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	N/A	<b>N/A</b>	<b>N/A</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	N/A	<b>N/A</b>	<b>N/A</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.7%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>54.2%</b>	<b>35.3%</b>	<b>10.5%</b>	<b>0.0%</b>			
Other	<b>16.7%</b>	<b>66.7%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.154	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TOPSFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>509</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.6%</b>	Citations per 1000	
	Passing through:	<b>91.4%</b>	18 + residents:	<b>103.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 498)				ITP Stops <sup>3</sup> (N = 111)			
Mean age				Mean age			
<b>39.16</b>				<b>37.83</b>			
Gender %				Gender %			
Female		<b>32.6%</b>		Female		<b>21.9%</b>	
Male		<b>67.4%</b>		Male		<b>78.1%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race % Mis/Unk <sup>4</sup>				Race % Mis/Unk <sup>4</sup>			
AA/Black		<b>3.7%</b>		AA/Black		<b>1.8%</b>	
Hispanic		<b>16.3%</b>		Hispanic		<b>26.4%</b>	
White		<b>78.2%</b>		White		<b>70.0%</b>	
Other		<b>1.8%</b>		Other		<b>1.8%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>3.7%</b>	<b>0.1%</b>	<b>3.6%</b>	AA/Black	<b>3.7%</b>	<b>-10.8%</b>
Hispanic	<b>16.3%</b>	<b>1.7%</b>	<b>14.6%</b>	Hispanic	<b>16.3%</b>	<b>1.1%</b>
White	<b>78.2%</b>	<b>94.8%</b>	<b>-16.6%</b>	White	<b>78.2%</b>	<b>13.1%</b>
Other	<b>1.8%</b>	<b>3.4%</b>	<b>-1.6%</b>	Other	<b>1.8%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	102	<b>20.1%</b>	<b>26.8%</b>	NW	28	<b>38.8%</b>	<b>19.6%</b>
White	368	<b>79.9%</b>	<b>73.2%</b>	White	67	<b>61.2%</b>	<b>80.4%</b>
Chi-square, X-tab <sup>6</sup> :		.135	not sig.	Chi-square, X-tab <sup>6</sup> :		.040*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.734	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.261	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>61.1%</b>	<b>5.6%</b>	<b>33.3%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>31.3%</b>	<b>6.0%</b>	<b>57.8%</b>	<b>4.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>73.4%</b>	<b>10.5%</b>	<b>11.5%</b>	<b>4.6%</b>			
Other	<b>55.6%</b>	<b>11.1%</b>	<b>33.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TOWNSEND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>156</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>54.3%</b>	Citations per 1000	
	Passing through:	<b>45.7%</b>	18 + residents:	<b>9.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 127)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.07</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>27.8%</b>				Female <b>N/A</b>			
Male <b>72.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>5.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>4.2%</b>				AA/Black <b>N/A</b>			
Hispanic <b>9.2%</b>				Hispanic <b>N/A</b>			
White <b>85.0%</b>				White <b>N/A</b>			
Other <b>1.7%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.2%</b>	<b>1.6%</b>	<b>2.6%</b>	AA/Black	<b>4.2%</b>	<b>14.5%</b>	<b>-10.3%</b>
Hispanic	<b>9.2%</b>	<b>5.0%</b>	<b>4.2%</b>	Hispanic	<b>9.2%</b>	<b>15.2%</b>	<b>-6.0%</b>
White	<b>85.0%</b>	<b>91.1%</b>	<b>-6.1%</b>	White	<b>85.0%</b>	<b>65.1%</b>	<b>19.9%</b>
Other	<b>1.7%</b>	<b>2.3%</b>	<b>-0.6%</b>	Other	<b>1.7%</b>	<b>5.2%</b>	<b>-3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	16	<b>12.6%</b>	<b>19.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	97	<b>87.4%</b>	<b>80.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.398	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.658	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>16.7%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>25.0%</b>	<b>10.0%</b>	<b>60.0%</b>	<b>5.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>53.0%</b>	<b>20.5%</b>	<b>23.1%</b>	<b>3.4%</b>			
Other	<b>0.0%</b>	<b>33.3%</b>	<b>66.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.027*	<i>sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TRURO POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>318</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>7.4%</b>	Citations per 1000	
	Passing through:	<b>92.6%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 302)				ITP Stops <sup>3</sup> (N = 123)			
Mean age				Mean age			
<b>37.1</b>				<b>37.79</b>			
Gender %				Gender %			
Female <b>26.3%</b>				Female <b>21.1%</b>			
Male <b>73.7%</b>				Male <b>78.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>18.0%</b>				AA/Black <b>16.3%</b>			
Hispanic <b>4.4%</b>				Hispanic <b>5.7%</b>			
White <b>72.9%</b>				White <b>72.4%</b>			
Other <b>4.7%</b>				Other <b>5.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>18.0%</b>	<b>14.5%</b>	<b>3.5%</b>
Hispanic	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.4%</b>	<b>15.2%</b>	<b>-10.8%</b>
White	<b>72.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>72.9%</b>	<b>65.1%</b>	<b>7.8%</b>
Other	<b>4.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.7%</b>	<b>5.2%</b>	<b>-0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	73	<b>23.5%</b>	<b>33.7%</b>	NW	30	<b>24.1%</b>	<b>37.0%</b>
White	199	<b>76.5%</b>	<b>66.3%</b>	White	80	<b>75.9%</b>	<b>63.0%</b>
Chi-square, X-tab <sup>6</sup> :		.075	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.190	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.599	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.798	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>52.8%</b>	<b>22.6%</b>	<b>22.6%</b>	<b>1.9%</b>	NW	<b>0</b>
Hispanic	<b>38.5%</b>	<b>23.1%</b>	<b>38.5%</b>	<b>0.0%</b>	White	<b>2</b>
White	<b>43.7%</b>	<b>30.7%</b>	<b>22.9%</b>	<b>2.6%</b>		
Other	<b>71.4%</b>	<b>14.3%</b>	<b>14.3%</b>	<b>0.0%</b>		
Chi-square, X-tab <sup>6</sup> :		.570	<i>not sig.</i>		Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
TYNGBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>844</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.8%</b>	Citations per 1000	
	Passing through:	<b>80.2%</b>	18 + residents:	<b>83.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 809)				ITP Stops <sup>3</sup> (N = 383)			
Mean age				Mean age			
<b>36.59</b>				<b>38.49</b>			
Gender %				Gender %			
Female <b>36.0%</b>				Female <b>32.8%</b>			
Male <b>64.0%</b>				Male <b>67.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>6.8%</b>				AA/Black <b>7.7%</b>			
Hispanic <b>8.0%</b>				Hispanic <b>6.1%</b>			
White <b>75.5%</b>				White <b>75.7%</b>			
Other <b>9.7%</b>				Other <b>10.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>0.9%</b>	<b>5.9%</b>	AA/Black	<b>6.8%</b>	<b>14.5%</b>	<b>-7.7%</b>
Hispanic	<b>8.0%</b>	<b>4.5%</b>	<b>3.5%</b>	Hispanic	<b>8.0%</b>	<b>15.2%</b>	<b>-7.2%</b>
White	<b>75.5%</b>	<b>83.6%</b>	<b>-8.1%</b>	White	<b>75.5%</b>	<b>65.1%</b>	<b>10.4%</b>
Other	<b>9.7%</b>	<b>10.9%</b>	<b>-1.2%</b>	Other	<b>9.7%</b>	<b>5.2%</b>	<b>4.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	178	<b>22.4%</b>	<b>27.3%</b>	NW	77	<b>19.9%</b>	<b>27.2%</b>
White	543	<b>77.6%</b>	<b>72.7%</b>	White	256	<b>80.1%</b>	<b>72.8%</b>
Chi-square, X-tab <sup>6</sup> : .128 not sig.				Chi-square, X-tab <sup>6</sup> : .116 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .812 not sig.				Odds ratio Exp(B) <sup>7</sup> : .682 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>85.5%</b>	<b>9.1%</b>	<b>3.6%</b>	<b>1.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>65.6%</b>	<b>7.8%</b>	<b>23.4%</b>	<b>3.1%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>82.9%</b>	<b>5.7%</b>	<b>9.0%</b>	<b>2.4%</b>			
Other	<b>89.6%</b>	<b>3.9%</b>	<b>6.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .007* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
UPTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,010</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.2%</b>	Citations per 1000	
	Passing through:	<b>87.8%</b>	18 + residents:	<b>166.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 974)				ITP Stops <sup>3</sup> (N = 430)			
Mean age				Mean age			
<b>37.13</b>				<b>36.83</b>			
Gender %				Gender %			
Female <b>38.9%</b>				Female <b>36.2%</b>			
Male <b>61.1%</b>				Male <b>63.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>4.0%</b>				AA/Black <b>4.0%</b>			
Hispanic <b>12.9%</b>				Hispanic <b>14.4%</b>			
White <b>76.8%</b>				White <b>75.5%</b>			
Other <b>6.3%</b>				Other <b>6.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.0%</b>	<b>7.6%</b>	<b>-3.6%</b>	AA/Black	<b>4.0%</b>	<b>14.5%</b>	<b>-10.5%</b>
Hispanic	<b>12.9%</b>	<b>3.6%</b>	<b>9.3%</b>	Hispanic	<b>12.9%</b>	<b>15.2%</b>	<b>-2.3%</b>
White	<b>76.8%</b>	<b>80.2%</b>	<b>-3.4%</b>	White	<b>76.8%</b>	<b>65.1%</b>	<b>11.7%</b>
Other	<b>6.3%</b>	<b>9.4%</b>	<b>-3.1%</b>	Other	<b>6.3%</b>	<b>5.2%</b>	<b>1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	203	<b>18.3%</b>	<b>27.4%</b>	NW	84	<b>21.9%</b>	<b>23.8%</b>
White	699	<b>81.7%</b>	<b>72.6%</b>	White	284	<b>78.1%</b>	<b>76.2%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .665 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .620* sig.				Odds ratio Exp(B) <sup>7</sup> : .761 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.0%</b>	<b>22.5%</b>	<b>12.5%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>42.4%</b>	<b>19.7%</b>	<b>33.3%</b>	<b>4.5%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>72.4%</b>	<b>17.2%</b>	<b>9.3%</b>	<b>1.0%</b>			
Other	<b>77.8%</b>	<b>19.0%</b>	<b>3.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
UXBRIDGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>838</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.9%</b>	Citations per 1000	
	Passing through:	<b>67.1%</b>	18 + residents:	<b>75.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 809)				ITP Stops <sup>3</sup> (N = 356)			
Mean age				Mean age			
<b>38.15</b>				<b>37.24</b>			
Gender %				Gender %			
Female <b>39.3%</b>				Female <b>39.5%</b>			
Male <b>60.7%</b>				Male <b>60.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.0%</b>				Race % Mis/Unk <sup>4</sup> <b>6.7%</b>			
AA/Black <b>5.0%</b>				AA/Black <b>4.2%</b>			
Hispanic <b>8.1%</b>				Hispanic <b>6.3%</b>			
White <b>85.5%</b>				White <b>88.3%</b>			
Other <b>1.5%</b>				Other <b>1.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.0%</b>	<b>1.9%</b>	<b>3.1%</b>	AA/Black	<b>5.0%</b>	<b>14.5%</b>	<b>-9.5%</b>
Hispanic	<b>8.1%</b>	<b>1.7%</b>	<b>6.4%</b>	Hispanic	<b>8.1%</b>	<b>15.2%</b>	<b>-7.1%</b>
White	<b>85.5%</b>	<b>94.9%</b>	<b>-9.4%</b>	White	<b>85.5%</b>	<b>65.1%</b>	<b>20.4%</b>
Other	<b>1.5%</b>	<b>1.4%</b>	<b>0.1%</b>	Other	<b>1.5%</b>	<b>5.2%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	101	<b>12.2%</b>	<b>22.4%</b>	NW	34	<b>9.4%</b>	<b>18.6%</b>
White	613	<b>87.8%</b>	<b>77.6%</b>	White	270	<b>90.6%</b>	<b>81.4%</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : .043* sig.			
Odds ratio Exp(B) <sup>7</sup> : .573* sig.				Odds ratio Exp(B) <sup>7</sup> : .455 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.3%</b>	<b>10.5%</b>	<b>34.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>43.8%</b>	<b>7.8%</b>	<b>48.4%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>72.5%</b>	<b>14.0%</b>	<b>10.9%</b>	<b>2.6%</b>			
Other	<b>63.6%</b>	<b>18.2%</b>	<b>18.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WAKEFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,171</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.6%</b>	Citations per 1000	
	Passing through:	<b>65.4%</b>	18 + residents:	<b>53.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,059)				ITP Stops <sup>3</sup> (N = 573)			
Mean age				Mean age			
<b>39.47</b>				<b>39.44</b>			
Gender %				Gender %			
Female <b>39.7%</b>				Female <b>37.8%</b>			
Male <b>60.3%</b>				Male <b>62.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>4.6%</b>				AA/Black <b>4.1%</b>			
Hispanic <b>3.1%</b>				Hispanic <b>3.9%</b>			
White <b>88.7%</b>				White <b>88.4%</b>			
Other <b>3.6%</b>				Other <b>3.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.6%</b>	<b>1.8%</b>	<b>2.8%</b>	AA/Black	<b>4.6%</b>	<b>14.5%</b>	<b>-9.9%</b>
Hispanic	<b>3.1%</b>	<b>3.5%</b>	<b>-0.4%</b>	Hispanic	<b>3.1%</b>	<b>15.2%</b>	<b>-12.1%</b>
White	<b>88.7%</b>	<b>91.0%</b>	<b>-2.3%</b>	White	<b>88.7%</b>	<b>65.1%</b>	<b>23.6%</b>
Other	<b>3.6%</b>	<b>3.8%</b>	<b>-0.2%</b>	Other	<b>3.6%</b>	<b>5.2%</b>	<b>-1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	112	<b>9.6%</b>	<b>16.5%</b>	NW	62	<b>10.3%</b>	<b>18.1%</b>
White	869	<b>90.4%</b>	<b>83.5%</b>	White	467	<b>89.7%</b>	<b>81.9%</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : .034* sig.			
Odds ratio Exp(B) <sup>7</sup> : .608* sig.				Odds ratio Exp(B) <sup>7</sup> : .536 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>78.0%</b>	<b>3.4%</b>	<b>16.9%</b>	<b>1.7%</b>	NW	<b>0</b>
Hispanic	<b>64.1%</b>	<b>12.8%</b>	<b>23.1%</b>	<b>0.0%</b>	White	<b>1</b>
White	<b>87.5%</b>	<b>6.4%</b>	<b>3.6%</b>	<b>2.5%</b>		
Other	<b>80.0%</b>	<b>20.0%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WALES POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>166</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.5%</b>	Citations per 1000	
	Passing through:	<b>65.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 165)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.2%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> :		.230	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WALPOLE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,514</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.2%</b>	Citations per 1000	
	Passing through:	<b>74.8%</b>	18 + residents:	<b>187.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,464)				ITP Stops <sup>3</sup> (N = 1,235)			
Mean age				Mean age			
<b>41.85</b>				<b>40.85</b>			
Gender %				Gender %			
Female <b>42.4%</b>				Female <b>38.7%</b>			
Male <b>57.5%</b>				Male <b>61.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black <b>8.7%</b>				AA/Black <b>9.2%</b>			
Hispanic <b>7.0%</b>				Hispanic <b>6.8%</b>			
White <b>79.8%</b>				White <b>78.6%</b>			
Other <b>4.6%</b>				Other <b>5.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.7%</b>	<b>2.1%</b>	<b>6.6%</b>	AA/Black	<b>8.7%</b>	<b>14.5%</b>	<b>-5.8%</b>
Hispanic	<b>7.0%</b>	<b>7.9%</b>	<b>-0.9%</b>	Hispanic	<b>7.0%</b>	<b>15.2%</b>	<b>-8.2%</b>
White	<b>79.8%</b>	<b>82.2%</b>	<b>-2.4%</b>	White	<b>79.8%</b>	<b>65.1%</b>	<b>14.7%</b>
Other	<b>4.6%</b>	<b>7.0%</b>	<b>-2.4%</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	652	<b>17.2%</b>	<b>28.0%</b>	NW	224	<b>20.1%</b>	<b>22.1%</b>
White	2,602	<b>82.8%</b>	<b>72.0%</b>	White	858	<b>79.9%</b>	<b>77.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .466 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .532* sig.				Odds ratio Exp(B) <sup>7</sup> : .895 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>85.9%</b>	<b>3.3%</b>	<b>7.2%</b>	<b>3.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>84.5%</b>	<b>2.8%</b>	<b>9.6%</b>	<b>3.2%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>95.2%</b>	<b>1.3%</b>	<b>2.7%</b>	<b>0.8%</b>			
Other	<b>94.3%</b>	<b>3.2%</b>	<b>1.9%</b>	<b>0.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WALTHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,916</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>39.3%</b>	Citations per 1000	
	Passing through:	<b>60.7%</b>	18 + residents:	<b>72.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,329)				ITP Stops <sup>3</sup> (N = 1,268)			
Mean age				Mean age			
<b>40.42</b>				<b>39.46</b>			
Gender %				Gender %			
Female <b>40.9%</b>				Female <b>39.3%</b>			
Male <b>59.0%</b>				Male <b>60.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>12.4%</b>				AA/Black <b>12.3%</b>			
Hispanic <b>8.7%</b>				Hispanic <b>8.8%</b>			
White <b>71.0%</b>				White <b>70.3%</b>			
Other <b>7.9%</b>				Other <b>8.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.4%</b>	<b>7.1%</b>	<b>5.3%</b>	AA/Black	<b>12.4%</b>	<b>14.5%</b>	<b>-2.1%</b>
Hispanic	<b>8.7%</b>	<b>13.6%</b>	<b>-4.9%</b>	Hispanic	<b>8.7%</b>	<b>15.2%</b>	<b>-6.5%</b>
White	<b>71.0%</b>	<b>65.9%</b>	<b>5.1%</b>	White	<b>71.0%</b>	<b>65.1%</b>	<b>5.9%</b>
Other	<b>7.9%</b>	<b>15.9%</b>	<b>-8.0%</b>	Other	<b>7.9%</b>	<b>5.2%</b>	<b>2.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	902	<b>27.2%</b>	<b>40.8%</b>	NW	351	<b>28.2%</b>	<b>37.7%</b>
White	2,209	<b>72.8%</b>	<b>59.2%</b>	White	818	<b>71.8%</b>	<b>62.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .006* sig.			
Odds ratio Exp(B) <sup>7</sup> : .521* sig.				Odds ratio Exp(B) <sup>7</sup> : .544* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.1%</b>	<b>7.3%</b>	<b>10.7%</b>	<b>0.8%</b>	NW	<b>7</b>	<b>N/A</b>
Hispanic	<b>66.0%</b>	<b>12.0%</b>	<b>19.2%</b>	<b>2.8%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>87.2%</b>	<b>6.9%</b>	<b>5.3%</b>	<b>0.6%</b>			
Other	<b>88.3%</b>	<b>7.9%</b>	<b>3.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WARE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>308</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>46.3%</b>	Citations per 1000	
	Passing through:	<b>53.7%</b>	18 + residents:	<b>39.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 283)				ITP Stops <sup>3</sup> (N = 114)			
Mean age				Mean age			
<b>35.75</b>				<b>36.99</b>			
Gender %				Gender %			
Female <b>33.8%</b>				Female <b>40.4%</b>			
Male <b>66.2%</b>				Male <b>59.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.5%</b>				Race % Mis/Unk <sup>4</sup> <b>7.0%</b>			
AA/Black <b>10.8%</b>				AA/Black <b>13.2%</b>			
Hispanic <b>6.6%</b>				Hispanic <b>2.8%</b>			
White <b>82.6%</b>				White <b>84.0%</b>			
Other <b>0.0%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.8%</b>	<b>1.3%</b>	<b>9.5%</b>	AA/Black	<b>10.8%</b>	<b>14.5%</b>	<b>-3.7%</b>
Hispanic	<b>6.6%</b>	<b>7.7%</b>	<b>-1.1%</b>	Hispanic	<b>6.6%</b>	<b>15.2%</b>	<b>-8.6%</b>
White	<b>82.6%</b>	<b>89.3%</b>	<b>-6.7%</b>	White	<b>82.6%</b>	<b>65.1%</b>	<b>17.5%</b>
Other	<b>0.0%</b>	<b>2.6%</b>	<b>-2.6%</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	43	<b>14.7%</b>	<b>20.5%</b>	NW	15	<b>9.4%</b>	<b>22.7%</b>
White	200	<b>85.3%</b>	<b>79.5%</b>	White	82	<b>90.6%</b>	<b>77.3%</b>
Chi-square, X-tab <sup>6</sup> : .235 not sig.				Chi-square, X-tab <sup>6</sup> : .071 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .623 not sig.				Odds ratio Exp(B) <sup>7</sup> : .195* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>24.1%</b>	<b>24.1%</b>	<b>37.9%</b>	<b>13.8%</b>	NW	<b>0</b>	
Hispanic	<b>5.9%</b>	<b>11.8%</b>	<b>58.8%</b>	<b>23.5%</b>	White	<b>1</b>	
White	<b>27.8%</b>	<b>21.9%</b>	<b>30.4%</b>	<b>19.8%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> : .195 not sig.						Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WAREHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>601</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.6%</b>	Citations per 1000	
	Passing through:	<b>81.4%</b>	18 + residents:	<b>32.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 512)				ITP Stops <sup>3</sup> (N = 155)			
Mean age				Mean age			
<b>38.87</b>				<b>37.06</b>			
Gender %				Gender %			
Female <b>36.3%</b>				Female <b>36.1%</b>			
Male <b>63.7%</b>				Male <b>63.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>16.8%</b>				AA/Black <b>14.4%</b>			
Hispanic <b>1.8%</b>				Hispanic <b>2.0%</b>			
White <b>81.3%</b>				White <b>83.7%</b>			
Other <b>0.2%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.8%</b>	<b>2.7%</b>	<b>14.1%</b>	AA/Black	<b>16.8%</b>	<b>14.5%</b>	<b>2.3%</b>
Hispanic	<b>1.8%</b>	<b>3.6%</b>	<b>-1.8%</b>	Hispanic	<b>1.8%</b>	<b>15.2%</b>	<b>-13.4%</b>
White	<b>81.3%</b>	<b>84.5%</b>	<b>-3.2%</b>	White	<b>81.3%</b>	<b>65.1%</b>	<b>16.2%</b>
Other	<b>0.2%</b>	<b>6.3%</b>	<b>-6.1%</b>	Other	<b>0.2%</b>	<b>5.2%</b>	<b>-5.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	89	<b>17.6%</b>	<b>21.8%</b>	NW	22	<b>18.7%</b>	<b>10.6%</b>
White	382	<b>82.4%</b>	<b>78.2%</b>	White	116	<b>81.3%</b>	<b>89.4%</b>
Chi-square, X-tab <sup>6</sup> : .285 not sig.				Chi-square, X-tab <sup>6</sup> : .221 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .724 not sig.				Odds ratio Exp(B) <sup>7</sup> : .929 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>45.7%</b>	<b>13.8%</b>	<b>31.9%</b>	<b>8.5%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>27.3%</b>	<b>18.2%</b>	<b>45.5%</b>	<b>9.1%</b>	White	<b>11</b>	<b>N/A</b>
White	<b>49.2%</b>	<b>10.2%</b>	<b>30.7%</b>	<b>10.0%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .753 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WARREN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,036</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.2%</b>	Citations per 1000	
	Passing through:	<b>78.8%</b>	18 + residents:	<b>256.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,022)				ITP Stops <sup>3</sup> (N = 494)			
Mean age				Mean age			
<b>36.47</b>				<b>35.13</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>35.0%</b>			
Male <b>62.3%</b>				Male <b>65.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>5.3%</b>				AA/Black <b>5.8%</b>			
Hispanic <b>5.3%</b>				Hispanic <b>6.8%</b>			
White <b>88.9%</b>				White <b>87.4%</b>			
Other <b>0.5%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.3%</b>	<b>0.6%</b>	<b>4.7%</b>	AA/Black	<b>5.3%</b>	<b>14.5%</b>	<b>-9.2%</b>
Hispanic	<b>5.3%</b>	<b>1.2%</b>	<b>4.1%</b>	Hispanic	<b>5.3%</b>	<b>15.2%</b>	<b>-9.9%</b>
White	<b>88.9%</b>	<b>95.6%</b>	<b>-6.7%</b>	White	<b>88.9%</b>	<b>65.1%</b>	<b>23.8%</b>
Other	<b>0.5%</b>	<b>2.5%</b>	<b>-2.0%</b>	Other	<b>0.5%</b>	<b>5.2%</b>	<b>-4.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	103	<b>9.5%</b>	<b>13.8%</b>	NW	54	<b>11.6%</b>	<b>14.0%</b>
White	809	<b>90.5%</b>	<b>86.2%</b>	White	373	<b>88.4%</b>	<b>86.0%</b>
Chi-square, X-tab <sup>6</sup> :		.043*	sig.	Chi-square, X-tab <sup>6</sup> :		.467	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.729	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.146	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>83.3%</b>	<b>5.6%</b>	<b>11.1%</b>	<b>0.0%</b>	NW	<b>0</b>
Hispanic	<b>74.1%</b>	<b>16.7%</b>	<b>9.3%</b>	<b>0.0%</b>	White	<b>3</b>
White	<b>82.2%</b>	<b>9.0%</b>	<b>7.7%</b>	<b>1.1%</b>		
Other	<b>80.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>20.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.004*		sig.		

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WATERTOWN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,121</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>18.1%</b>	Citations per 1000	
	Passing through:	<b>81.9%</b>	18 + residents:	<b>69.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,969)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 3.6%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .054 not sig.				Chi-square, X-tab <sup>6</sup> : .245 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .880 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.288 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WAYLAND POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>706</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>22.2%</b>	Citations per 1000	
	Passing through:	<b>77.8%</b>	18 + residents:	<b>69.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 643)				ITP Stops <sup>3</sup> (N = 217)			
Mean age				Mean age			
<b>43.13</b>				<b>39.53</b>			
Gender %				Gender %			
Female <b>49.4%</b>				Female <b>42.7%</b>			
Male <b>50.5%</b>				Male <b>57.3%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>5.8%</b>				Race % Mis/Unk <sup>4</sup> <b>9.7%</b>			
AA/Black <b>2.5%</b>				AA/Black <b>4.1%</b>			
Hispanic <b>13.9%</b>				Hispanic <b>21.9%</b>			
White <b>72.6%</b>				White <b>62.2%</b>			
Other <b>11.1%</b>				Other <b>11.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.5%</b>	<b>0.7%</b>	<b>1.8%</b>	AA/Black	<b>2.5%</b>	<b>14.5%</b>	<b>-12.0%</b>
Hispanic	<b>13.9%</b>	<b>4.8%</b>	<b>9.1%</b>	Hispanic	<b>13.9%</b>	<b>15.2%</b>	<b>-1.3%</b>
White	<b>72.6%</b>	<b>79.6%</b>	<b>-7.0%</b>	White	<b>72.6%</b>	<b>65.1%</b>	<b>7.5%</b>
Other	<b>11.1%</b>	<b>15.0%</b>	<b>-3.9%</b>	Other	<b>11.1%</b>	<b>5.2%</b>	<b>5.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	155	<b>23.9%</b>	<b>45.2%</b>	NW	63	<b>31.8%</b>	<b>48.9%</b>
White	428	<b>76.1%</b>	<b>54.8%</b>	White	111	<b>68.2%</b>	<b>51.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .040* sig.			
Odds ratio Exp(B) <sup>7</sup> : .324* sig.				Odds ratio Exp(B) <sup>7</sup> : .446 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.9%</b>	<b>10.5%</b>	<b>26.3%</b>	<b>5.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>41.2%</b>	<b>5.9%</b>	<b>44.1%</b>	<b>8.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>84.4%</b>	<b>9.0%</b>	<b>5.1%</b>	<b>1.5%</b>			
Other	<b>86.1%</b>	<b>12.5%</b>	<b>1.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WEBSTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,870</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.5%</b>	Citations per 1000	
	Passing through:	<b>61.5%</b>	18 + residents:	<b>138.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,781)				ITP Stops <sup>3</sup> (N = 569)			
Mean age				Mean age			
<b>37.43</b>				<b>37.09</b>			
Gender %				Gender %			
Female <b>39.9%</b>				Female <b>38.4%</b>			
Male <b>60.1%</b>				Male <b>61.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>9.3%</b>				AA/Black <b>6.6%</b>			
Hispanic <b>19.8%</b>				Hispanic <b>20.7%</b>			
White <b>68.5%</b>				White <b>70.8%</b>			
Other <b>2.4%</b>				Other <b>2.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.3%</b>	<b>4.9%</b>	<b>4.4%</b>	AA/Black	<b>9.3%</b>	<b>14.5%</b>	<b>-5.2%</b>
Hispanic	<b>19.8%</b>	<b>12.1%</b>	<b>7.7%</b>	Hispanic	<b>19.8%</b>	<b>15.2%</b>	<b>4.6%</b>
White	<b>68.5%</b>	<b>80.0%</b>	<b>-11.5%</b>	White	<b>68.5%</b>	<b>65.1%</b>	<b>3.4%</b>
Other	<b>2.4%</b>	<b>4.1%</b>	<b>-1.7%</b>	Other	<b>2.4%</b>	<b>5.2%</b>	<b>-2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	532	<b>25.8%</b>	<b>38.0%</b>	NW	145	<b>31.9%</b>	<b>26.4%</b>
White	1,145	<b>74.2%</b>	<b>62.0%</b>	White	352	<b>68.1%</b>	<b>73.6%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.181	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.586*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.325	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>53.5%</b>	<b>4.7%</b>	<b>34.7%</b>	<b>7.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>51.4%</b>	<b>5.3%</b>	<b>40.2%</b>	<b>3.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>69.1%</b>	<b>4.0%</b>	<b>22.2%</b>	<b>4.7%</b>			
Other	<b>81.4%</b>	<b>0.0%</b>	<b>16.3%</b>	<b>2.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WELLESLEY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,233</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.0%</b>	Citations per 1000	
	Passing through:	<b>81.0%</b>	18 + residents:	<b>150.4</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,057)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.9%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .568* sig.				Odds ratio Exp(B) <sup>7</sup> : .452* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WELLFLEET POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>693</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>14.6%</b>	Citations per 1000	
	Passing through:	<b>85.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 673)				ITP Stops <sup>3</sup> (N = 221)			
Mean age				Mean age			
<b>43.35</b>				<b>43.15</b>			
Gender %				Gender %			
Female <b>35.7%</b>				Female <b>30.3%</b>			
Male <b>64.3%</b>				Male <b>69.7%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.4%</b>				Race % Mis/Unk <sup>4</sup> <b>5.0%</b>			
AA/Black <b>9.5%</b>				AA/Black <b>9.5%</b>			
Hispanic <b>3.7%</b>				Hispanic <b>2.4%</b>			
White <b>84.2%</b>				White <b>85.7%</b>			
Other <b>2.6%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.5%</b>	<b>14.5%</b>	<b>-5.0%</b>
Hispanic	<b>3.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>3.7%</b>	<b>15.2%</b>	<b>-11.5%</b>
White	<b>84.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>84.2%</b>	<b>65.1%</b>	<b>19.1%</b>
Other	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.6%</b>	<b>5.2%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	102	<b>15.0%</b>	<b>22.5%</b>	NW	29	<b>14.5%</b>	<b>16.4%</b>
White	522	<b>85.0%</b>	<b>77.5%</b>	White	164	<b>85.5%</b>	<b>83.6%</b>
Chi-square, X-tab <sup>6</sup> : .052 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .743 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .625 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .954 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>82.5%</b>	<b>1.6%</b>	<b>14.3%</b>	<b>1.6%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>66.7%</b>	<b>20.8%</b>	<b>12.5%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>87.3%</b>	<b>4.4%</b>	<b>6.4%</b>	<b>1.9%</b>			
Other	<b>88.2%</b>	<b>5.9%</b>	<b>5.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .008* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WENHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>259</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.6%</b>	Citations per 1000	
	Passing through:	<b>93.4%</b>	18 + residents:	<b>58.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 244)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.9%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		N/A	N/A	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	29.4%	17.6%	52.9%	0.0%	NW	0
Hispanic	53.3%	6.7%	40.0%	0.0%	White	1
White	68.4%	11.2%	18.6%	1.9%		
Other	50.0%	50.0%	0.0%	0.0%		
Chi-square, X-tab <sup>6</sup> :		.023*	sig.		Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WEST BOYLSTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>222</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.6%</b>	Citations per 1000	
	Passing through:	<b>86.4%</b>	18 + residents:	<b>31.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 206)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.93</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>41.7%</b>				Female <b>N/A</b>			
Male <b>58.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>5.3%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>8.2%</b>				AA/Black <b>N/A</b>			
Hispanic <b>13.8%</b>				Hispanic <b>N/A</b>			
White <b>73.3%</b>				White <b>N/A</b>			
Other <b>4.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.2%</b>	<b>6.3%</b>	<b>1.9%</b>	AA/Black	<b>8.2%</b>	<b>14.5%</b>	<b>-6.3%</b>
Hispanic	<b>13.8%</b>	<b>12.3%</b>	<b>1.5%</b>	Hispanic	<b>13.8%</b>	<b>15.2%</b>	<b>-1.4%</b>
White	<b>73.3%</b>	<b>79.4%</b>	<b>-6.1%</b>	White	<b>73.3%</b>	<b>65.1%</b>	<b>8.2%</b>
Other	<b>4.6%</b>	<b>3.9%</b>	<b>0.7%</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	48	<b>23.2%</b>	<b>44.4%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	134	<b>76.8%</b>	<b>55.6%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.021*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.390*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.0%</b>	<b>20.0%</b>	<b>15.0%</b>	<b>15.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>66.7%</b>	<b>13.3%</b>	<b>13.3%</b>	<b>6.7%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>78.3%</b>	<b>7.9%</b>	<b>13.8%</b>	<b>0.0%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WEST BRIDGEWATER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,182</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>5.5%</b>	Citations per 1000	
	Passing through:	<b>94.5%</b>	18 + residents:	<b>379.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,115)				ITP Stops <sup>3</sup> (N = 722)			
Mean age				Mean age			
<b>36.08</b>				<b>36.14</b>			
Gender %				Gender %			
Female <b>39.8%</b>				Female <b>39.4%</b>			
Male <b>60.2%</b>				Male <b>60.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>30.5%</b>				AA/Black <b>29.0%</b>			
Hispanic <b>10.2%</b>				Hispanic <b>10.0%</b>			
White <b>57.3%</b>				White <b>59.1%</b>			
Other <b>2.0%</b>				Other <b>1.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>30.5%</b>	<b>1.8%</b>	<b>28.7%</b>	AA/Black	<b>30.5%</b>	<b>14.5%</b>
Hispanic	<b>10.2%</b>	<b>3.1%</b>	<b>7.1%</b>	Hispanic	<b>10.2%</b>	<b>15.2%</b>
White	<b>57.3%</b>	<b>92.8%</b>	<b>-35.5%</b>	White	<b>57.3%</b>	<b>65.1%</b>
Other	<b>2.0%</b>	<b>2.3%</b>	<b>-0.3%</b>	Other	<b>2.0%</b>	<b>5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	860	<b>42.4%</b>	<b>42.5%</b>	NW	258	<b>39.6%</b>	<b>40.0%</b>
White	1,168	<b>57.6%</b>	<b>57.5%</b>	White	392	<b>60.4%</b>	<b>60.0%</b>
Chi-square, X-tab <sup>6</sup> :		.958	not sig.	Chi-square, X-tab <sup>6</sup> :		.947	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.157	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.955	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.5%</b>	<b>18.2%</b>	<b>19.6%</b>	<b>0.7%</b>	NW	<b>67</b>	<b>52.8%</b>
Hispanic	<b>54.7%</b>	<b>24.2%</b>	<b>20.2%</b>	<b>0.9%</b>	White	<b>60</b>	<b>47.2%</b>
White	<b>75.0%</b>	<b>15.8%</b>	<b>8.3%</b>	<b>0.9%</b>			
Other	<b>65.9%</b>	<b>26.8%</b>	<b>7.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WEST BROOKFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>159</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>19.5%</b>	Citations per 1000	
	Passing through:	<b>80.5%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 154)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>35.78</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>33.1%</b>				Female <b>N/A</b>			
Male <b>66.2%</b>				Male <b>N/A</b>			
Non-binary <b>0.6%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.0%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>2.6%</b>				AA/Black <b>N/A</b>			
Hispanic <b>4.5%</b>				Hispanic <b>N/A</b>			
White <b>92.9%</b>				White <b>N/A</b>			
Other <b>0.0%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.6%</b>	<b>14.5%</b>	<b>-11.9%</b>
Hispanic	<b>4.5%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>4.5%</b>	<b>15.2%</b>	<b>-10.7%</b>
White	<b>92.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>92.9%</b>	<b>65.1%</b>	<b>27.8%</b>
Other	<b>0.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.0%</b>	<b>5.2%</b>	<b>-5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	11	<b>5.8%</b>	<b>12.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	133	<b>94.2%</b>	<b>87.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.194	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.385	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>16.7%</b>	<b>16.7%</b>	<b>33.3%</b>	<b>33.3%</b>	NW	<b>1</b>	
Hispanic	<b>57.1%</b>	<b>14.3%</b>	<b>14.3%</b>	<b>14.3%</b>	White	<b>3</b>	
White	<b>62.3%</b>	<b>21.2%</b>	<b>13.0%</b>	<b>3.4%</b>			
Other	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>			
Chi-square, X-tab <sup>6</sup> :		.017*	<i>sig.</i>			Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WEST NEWBURY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>406</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.0%</b>	Citations per 1000	
	Passing through:	<b>80.0%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 395)				ITP Stops <sup>3</sup> (N = 192)			
Mean age				Mean age			
<b>37.65</b>				<b>37.5</b>			
Gender %				Gender %			
Female <b>35.6%</b>				Female <b>38.2%</b>			
Male <b>64.4%</b>				Male <b>61.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>3.1%</b>			
AA/Black <b>2.6%</b>				AA/Black <b>2.7%</b>			
Hispanic <b>11.0%</b>				Hispanic <b>10.2%</b>			
White <b>85.3%</b>				White <b>85.5%</b>			
Other <b>1.0%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>2.6%</b>	<b>14.5%</b>	<b>-11.9%</b>
Hispanic	<b>11.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.0%</b>	<b>15.2%</b>	<b>-4.2%</b>
White	<b>85.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>85.3%</b>	<b>65.1%</b>	<b>20.2%</b>
Other	<b>1.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>1.0%</b>	<b>5.2%</b>	<b>-4.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	53	<b>14.5%</b>	<b>16.0%</b>	NW	25	<b>13.3%</b>	<b>16.4%</b>
White	298	<b>85.5%</b>	<b>84.0%</b>	White	146	<b>86.7%</b>	<b>83.6%</b>
Chi-square, X-tab <sup>6</sup> :		.703	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.561	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.846	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.686	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>36.4%</b>	<b>45.5%</b>	<b>18.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>46.5%</b>	<b>37.2%</b>	<b>16.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>61.4%</b>	<b>23.7%</b>	<b>12.6%</b>	<b>2.4%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.240	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WEST SPRINGFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>669</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>28.0%</b>	Citations per 1000	
	Passing through:	<b>72.0%</b>	18 + residents:	<b>29.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 618)				ITP Stops <sup>3</sup> (N = 183)			
Mean age				Mean age			
<b>35.18</b>				<b>33.85</b>			
Gender %				Gender %			
Female		<b>37.7%</b>		Female		<b>40.4%</b>	
Male		<b>61.9%</b>		Male		<b>59.6%</b>	
Non-binary		<b>0.3%</b>		Non-binary		<b>0.0%</b>	
Race % Mis/Unk <sup>4</sup> <b>10.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.1%</b>			
AA/Black		<b>16.1%</b>		AA/Black		<b>16.6%</b>	
Hispanic		<b>8.5%</b>		Hispanic		<b>12.7%</b>	
White		<b>72.7%</b>		White		<b>67.4%</b>	
Other		<b>2.7%</b>		Other		<b>3.3%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.1%</b>	<b>3.2%</b>	<b>12.9%</b>	AA/Black	<b>16.1%</b>	<b>14.5%</b>	<b>1.6%</b>
Hispanic	<b>8.5%</b>	<b>10.6%</b>	<b>-2.1%</b>	Hispanic	<b>8.5%</b>	<b>15.2%</b>	<b>-6.7%</b>
White	<b>72.7%</b>	<b>79.6%</b>	<b>-6.9%</b>	White	<b>72.7%</b>	<b>65.1%</b>	<b>7.6%</b>
Other	<b>2.7%</b>	<b>7.5%</b>	<b>-4.8%</b>	Other	<b>2.7%</b>	<b>5.2%</b>	<b>-2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	118	<b>26.4%</b>	<b>27.6%</b>	NW	53	<b>36.5%</b>	<b>27.3%</b>
White	322	<b>73.6%</b>	<b>72.4%</b>	White	109	<b>63.5%</b>	<b>72.7%</b>
Chi-square, X-tab <sup>6</sup> :		.774	not sig.	Chi-square, X-tab <sup>6</sup> :		.221	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.916	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.029	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>48.9%</b>	<b>21.3%</b>	<b>29.8%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>71.2%</b>	<b>25.0%</b>	<b>3.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>64.1%</b>	<b>14.5%</b>	<b>21.4%</b>	<b>0.0%</b>			
Other	<b>47.1%</b>	<b>17.6%</b>	<b>35.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.002*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WEST STOCKBRIDGE POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>117</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.6%</b>	Citations per 1000	
	Passing through:	<b>90.4%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 115)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>46.91</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>44.2%</b>				Female <b>N/A</b>			
Male <b>55.8%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>9.0%</b>				AA/Black <b>N/A</b>			
Hispanic <b>6.3%</b>				Hispanic <b>N/A</b>			
White <b>81.1%</b>				White <b>N/A</b>			
Other <b>3.6%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.0%</b>	<b>14.5%</b>	<b>-5.5%</b>
Hispanic	<b>6.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>6.3%</b>	<b>15.2%</b>	<b>-8.9%</b>
White	<b>81.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>81.1%</b>	<b>65.1%</b>	<b>16.0%</b>
Other	<b>3.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.6%</b>	<b>5.2%</b>	<b>-1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	17	<b>15.1%</b>	<b>27.3%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	78	<b>84.9%</b>	<b>72.7%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.190	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.475	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>90.0%</b>	<b>0.0%</b>	<b>10.0%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>81.5%</b>	<b>5.4%</b>	<b>12.0%</b>	<b>1.1%</b>			
Other	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.956	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTBOROUGH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>4,869</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>342.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,765)				ITP Stops <sup>3</sup> (N = 1,591)			
Mean age				Mean age			
<b>40.08</b>				<b>39.8</b>			
Gender %				Gender %			
Female <b>37.3%</b>				Female <b>37.4%</b>			
Male <b>62.6%</b>				Male <b>62.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.5%</b>				Race % Mis/Unk <sup>4</sup> <b>0.6%</b>			
AA/Black <b>11.4%</b>				AA/Black <b>9.0%</b>			
Hispanic <b>12.2%</b>				Hispanic <b>12.0%</b>			
White <b>64.1%</b>				White <b>65.5%</b>			
Other <b>12.3%</b>				Other <b>13.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.4%</b>	<b>1.9%</b>	<b>9.5%</b>	AA/Black	<b>11.4%</b>	<b>14.5%</b>	<b>-3.1%</b>
Hispanic	<b>12.2%</b>	<b>6.2%</b>	<b>6.0%</b>	Hispanic	<b>12.2%</b>	<b>15.2%</b>	<b>-3.0%</b>
White	<b>64.1%</b>	<b>65.0%</b>	<b>-0.9%</b>	White	<b>64.1%</b>	<b>65.1%</b>	<b>-1.0%</b>
Other	<b>12.3%</b>	<b>27.0%</b>	<b>-14.7%</b>	Other	<b>12.3%</b>	<b>5.2%</b>	<b>7.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,640	<b>29.5%</b>	<b>46.8%</b>	NW	482	<b>33.8%</b>	<b>35.9%</b>
White	2,914	<b>70.5%</b>	<b>53.2%</b>	White	915	<b>66.2%</b>	<b>64.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .439 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .461* sig.				Odds ratio Exp(B) <sup>7</sup> : .709* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.0%</b>	<b>3.4%</b>	<b>9.0%</b>	<b>1.6%</b>	NW	<b>76</b>	<b>40.0%</b>
Hispanic	<b>77.2%</b>	<b>4.0%</b>	<b>15.4%</b>	<b>3.4%</b>	White	<b>114</b>	<b>60.0%</b>
White	<b>92.0%</b>	<b>3.6%</b>	<b>3.2%</b>	<b>1.3%</b>			
Other	<b>94.1%</b>	<b>3.2%</b>	<b>1.8%</b>	<b>0.8%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTFIELD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,005</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>41.3%</b>	Citations per 1000	
	Passing through:	<b>58.7%</b>	18 + residents:	<b>59.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,630)				ITP Stops <sup>3</sup> (N = 602)			
Mean age				Mean age			
<b>35.44</b>				<b>34.83</b>			
Gender %				Gender %			
Female <b>38.7%</b>				Female <b>36.5%</b>			
Male <b>61.3%</b>				Male <b>63.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>6.6%</b>				AA/Black <b>5.4%</b>			
Hispanic <b>13.0%</b>				Hispanic <b>14.1%</b>			
White <b>78.3%</b>				White <b>78.2%</b>			
Other <b>2.2%</b>				Other <b>2.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.6%</b>	<b>1.6%</b>	<b>5.0%</b>	AA/Black	<b>6.6%</b>	<b>14.5%</b>	<b>-7.9%</b>
Hispanic	<b>13.0%</b>	<b>9.5%</b>	<b>3.5%</b>	Hispanic	<b>13.0%</b>	<b>15.2%</b>	<b>-2.2%</b>
White	<b>78.3%</b>	<b>85.0%</b>	<b>-6.7%</b>	White	<b>78.3%</b>	<b>65.1%</b>	<b>13.2%</b>
Other	<b>2.2%</b>	<b>4.3%</b>	<b>-2.1%</b>	Other	<b>2.2%</b>	<b>5.2%</b>	<b>-3.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	339	<b>18.8%</b>	<b>30.3%</b>	NW	119	<b>22.6%</b>	<b>19.7%</b>
White	1,212	<b>81.2%</b>	<b>69.7%</b>	White	424	<b>77.4%</b>	<b>80.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .496 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .506* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.081 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.9%</b>	<b>25.8%</b>	<b>3.2%</b>	<b>4.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>64.8%</b>	<b>23.5%</b>	<b>8.9%</b>	<b>2.8%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>77.2%</b>	<b>16.1%</b>	<b>3.9%</b>	<b>2.7%</b>			
Other	<b>73.3%</b>	<b>24.4%</b>	<b>2.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTFORD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,535</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>32.4%</b>	Citations per 1000	
	Passing through:	<b>67.6%</b>	18 + residents:	<b>193.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,351)				ITP Stops <sup>3</sup> (N = 1,396)			
Mean age				Mean age			
<b>38.84</b>				<b>39.22</b>			
Gender %				Gender %			
Female <b>35.1%</b>				Female <b>34.5%</b>			
Male <b>64.9%</b>				Male <b>65.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>6.1%</b>				AA/Black <b>5.1%</b>			
Hispanic <b>6.0%</b>				Hispanic <b>5.4%</b>			
White <b>76.0%</b>				White <b>75.1%</b>			
Other <b>11.9%</b>				Other <b>14.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.1%</b>	<b>0.9%</b>	<b>5.2%</b>	AA/Black	<b>6.1%</b>	<b>14.5%</b>	<b>-8.4%</b>
Hispanic	<b>6.0%</b>	<b>1.5%</b>	<b>4.5%</b>	Hispanic	<b>6.0%</b>	<b>15.2%</b>	<b>-9.2%</b>
White	<b>76.0%</b>	<b>76.1%</b>	<b>-0.1%</b>	White	<b>76.0%</b>	<b>65.1%</b>	<b>10.9%</b>
Other	<b>11.9%</b>	<b>21.6%</b>	<b>-9.7%</b>	Other	<b>11.9%</b>	<b>5.2%</b>	<b>6.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	756	<b>23.6%</b>	<b>24.8%</b>	NW	306	<b>25.6%</b>	<b>23.4%</b>
White	2,398	<b>76.4%</b>	<b>75.2%</b>	White	932	<b>74.4%</b>	<b>76.6%</b>
Chi-square, X-tab <sup>6</sup> : .458 not sig.				Chi-square, X-tab <sup>6</sup> : .379 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .932 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.314 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>60.4%</b>	<b>24.5%</b>	<b>14.2%</b>	<b>0.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>51.7%</b>	<b>35.1%</b>	<b>11.8%</b>	<b>1.4%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>70.6%</b>	<b>23.9%</b>	<b>4.1%</b>	<b>1.4%</b>			
Other	<b>69.1%</b>	<b>27.7%</b>	<b>2.9%</b>	<b>0.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTMINSTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>842</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.9%</b>	Citations per 1000	
	Passing through:	<b>84.1%</b>	18 + residents:	<b>133.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 817)				ITP Stops <sup>3</sup> (N = 313)			
Mean age				Mean age			
<b>36.33</b>				<b>34.59</b>			
Gender %				Gender %			
Female <b>43.8%</b>				Female <b>39.9%</b>			
Male <b>56.1%</b>				Male <b>60.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.6%</b>				Race % Mis/Unk <sup>4</sup> <b>3.2%</b>			
AA/Black <b>5.8%</b>				AA/Black <b>6.6%</b>			
Hispanic <b>9.5%</b>				Hispanic <b>9.2%</b>			
White <b>82.7%</b>				White <b>81.2%</b>			
Other <b>2.0%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.8%</b>	<b>0.0%</b>	<b>5.8%</b>	AA/Black	<b>5.8%</b>	<b>14.5%</b>	<b>-8.7%</b>
Hispanic	<b>9.5%</b>	<b>3.3%</b>	<b>6.2%</b>	Hispanic	<b>9.5%</b>	<b>15.2%</b>	<b>-5.7%</b>
White	<b>82.7%</b>	<b>96.2%</b>	<b>-13.5%</b>	White	<b>82.7%</b>	<b>65.1%</b>	<b>17.6%</b>
Other	<b>2.0%</b>	<b>0.4%</b>	<b>1.6%</b>	Other	<b>2.0%</b>	<b>5.2%</b>	<b>-3.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	130	<b>15.6%</b>	<b>20.8%</b>	NW	49	<b>16.0%</b>	<b>20.9%</b>
White	636	<b>84.4%</b>	<b>79.2%</b>	White	229	<b>84.0%</b>	<b>79.1%</b>
Chi-square, X-tab <sup>6</sup> :		.088	not sig.	Chi-square, X-tab <sup>6</sup> :		.321	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.673	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.695	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>76.1%</b>	<b>2.2%</b>	<b>17.4%</b>	<b>4.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>76.5%</b>	<b>3.7%</b>	<b>18.5%</b>	<b>1.2%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>83.0%</b>	<b>6.1%</b>	<b>9.2%</b>	<b>1.8%</b>			
Other	<b>93.8%</b>	<b>6.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.103	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,155</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.6%</b>	Citations per 1000	
	Passing through:	<b>83.4%</b>	18 + residents:	<b>238.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,108)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 4.0%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .652* sig.				Odds ratio Exp(B) <sup>7</sup> : .533* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTPORT POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,500</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.6%</b>	Citations per 1000	
	Passing through:	<b>65.4%</b>	18 + residents:	<b>113.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,417)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.1%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .963 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .485* sig.				Odds ratio Exp(B) <sup>7</sup> : .781 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	62.5%	7.5%	27.5%	2.5%	NW	0
Hispanic	41.3%	6.5%	39.1%	13.0%	White	3
White	78.8%	10.4%	9.8%	1.0%		
Other	78.6%	14.3%	7.1%	0.0%	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WESTWOOD POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,638</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>11.1%</b>	Citations per 1000	
	Passing through:	<b>88.9%</b>	18 + residents:	<b>215.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,590)				ITP Stops <sup>3</sup> (N = 1,258)			
Mean age				Mean age			
<b>38.98</b>				<b>38.68</b>			
Gender %				Gender %			
Female <b>41.5%</b>				Female <b>40.3%</b>			
Male <b>58.4%</b>				Male <b>59.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.2%</b>				Race % Mis/Unk <sup>4</sup> <b>4.6%</b>			
AA/Black <b>18.0%</b>				AA/Black <b>18.8%</b>			
Hispanic <b>9.0%</b>				Hispanic <b>9.9%</b>			
White <b>64.7%</b>				White <b>62.7%</b>			
Other <b>8.3%</b>				Other <b>8.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.0%</b>	<b>0.7%</b>	<b>17.3%</b>	AA/Black	<b>18.0%</b>	<b>14.5%</b>	<b>3.5%</b>
Hispanic	<b>9.0%</b>	<b>3.0%</b>	<b>6.0%</b>	Hispanic	<b>9.0%</b>	<b>15.2%</b>	<b>-6.2%</b>
White	<b>64.7%</b>	<b>84.4%</b>	<b>-19.7%</b>	White	<b>64.7%</b>	<b>65.1%</b>	<b>-0.4%</b>
Other	<b>8.3%</b>	<b>11.4%</b>	<b>-3.1%</b>	Other	<b>8.3%</b>	<b>5.2%</b>	<b>3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	823	<b>32.4%</b>	<b>40.4%</b>	NW	399	<b>37.2%</b>	<b>37.0%</b>
White	1,521	<b>67.6%</b>	<b>59.6%</b>	White	675	<b>62.8%</b>	<b>63.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .943 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .714* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.051 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.2%</b>	<b>7.9%</b>	<b>11.0%</b>	<b>0.9%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>77.6%</b>	<b>10.1%</b>	<b>10.1%</b>	<b>2.2%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>89.2%</b>	<b>6.1%</b>	<b>4.0%</b>	<b>0.7%</b>			
Other	<b>89.8%</b>	<b>7.8%</b>	<b>1.9%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WEYMOUTH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>6,780</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.7%</b>	Citations per 1000	
	Passing through:	<b>63.3%</b>	18 + residents:	<b>143</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,480)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 3.3%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .445* sig.				Odds ratio Exp(B) <sup>7</sup> : .570* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WHATLEY POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>237</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.8%</b>	Citations per 1000	
	Passing through:	<b>90.2%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 234)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 0.0%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	30	12.4%	16.4%	NW	N/A	N/A	N/A	NW	N/A	N/A	N/A
White	192	87.6%	83.6%	White	N/A	N/A	N/A	White	N/A	N/A	N/A
Chi-square, X-tab <sup>6</sup> : .440 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .717 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .861 not sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WHITMAN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>365</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>25.2%</b>	Citations per 1000	
	Passing through:	<b>74.8%</b>	18 + residents:	<b>31.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 302)				ITP Stops <sup>3</sup> (N = 142)			
Mean age				Mean age			
<b>33.48</b>				<b>32.61</b>			
Gender %				Gender %			
Female <b>29.5%</b>				Female <b>31.2%</b>			
Male <b>70.5%</b>				Male <b>68.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			
AA/Black <b>17.1%</b>				AA/Black <b>16.5%</b>			
Hispanic <b>7.0%</b>				Hispanic <b>5.0%</b>			
White <b>75.5%</b>				White <b>77.7%</b>			
Other <b>0.3%</b>				Other <b>0.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.1%</b>	<b>1.9%</b>	<b>15.2%</b>	AA/Black	<b>17.1%</b>	<b>14.5%</b>	<b>2.6%</b>
Hispanic	<b>7.0%</b>	<b>2.5%</b>	<b>4.5%</b>	Hispanic	<b>7.0%</b>	<b>15.2%</b>	<b>-8.2%</b>
White	<b>75.5%</b>	<b>91.7%</b>	<b>-16.2%</b>	White	<b>75.5%</b>	<b>65.1%</b>	<b>10.4%</b>
Other	<b>0.3%</b>	<b>3.5%</b>	<b>-3.2%</b>	Other	<b>0.3%</b>	<b>5.2%</b>	<b>-4.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	65	<b>21.0%</b>	<b>32.2%</b>	NW	25	<b>18.0%</b>	<b>30.4%</b>
White	198	<b>79.0%</b>	<b>67.8%</b>	White	98	<b>82.0%</b>	<b>69.6%</b>
Chi-square, X-tab <sup>6</sup> :		.048*	sig.	Chi-square, X-tab <sup>6</sup> :		.181	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.620	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.529	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>14.3%</b>	<b>55.6%</b>	<b>25.4%</b>	<b>4.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>3.6%</b>	<b>35.7%</b>	<b>60.7%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>18.6%</b>	<b>56.9%</b>	<b>20.4%</b>	<b>4.1%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WILBRAHAM POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,854</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>23.5%</b>	Citations per 1000	
	Passing through:	<b>76.5%</b>	18 + residents:	<b>159.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,698)				ITP Stops <sup>3</sup> (N = 780)			
Mean age				Mean age			
<b>38.79</b>				<b>38.9</b>			
Gender %				Gender %			
Female <b>41.0%</b>				Female <b>41.2%</b>			
Male <b>59.0%</b>				Male <b>58.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.6%</b>			
AA/Black <b>10.9%</b>				AA/Black <b>9.5%</b>			
Hispanic <b>10.1%</b>				Hispanic <b>10.1%</b>			
White <b>77.4%</b>				White <b>78.9%</b>			
Other <b>1.5%</b>				Other <b>1.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>10.9%</b>	<b>3.2%</b>	<b>7.7%</b>	AA/Black	<b>10.9%</b>	<b>-3.6%</b>
Hispanic	<b>10.1%</b>	<b>9.7%</b>	<b>0.4%</b>	Hispanic	<b>10.1%</b>	<b>-5.1%</b>
White	<b>77.4%</b>	<b>85.3%</b>	<b>-7.9%</b>	White	<b>77.4%</b>	<b>12.3%</b>
Other	<b>1.5%</b>	<b>2.7%</b>	<b>-1.2%</b>	Other	<b>1.5%</b>	<b>-3.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	355	<b>20.0%</b>	<b>29.1%</b>	NW	150	<b>20.9%</b>	<b>23.0%</b>
White	1,170	<b>80.0%</b>	<b>70.9%</b>	White	541	<b>79.1%</b>	<b>77.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .525 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .647* sig.				Odds ratio Exp(B) <sup>7</sup> : .938 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>72.0%</b>	<b>2.5%</b>	<b>19.0%</b>	<b>6.5%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>77.0%</b>	<b>2.8%</b>	<b>16.3%</b>	<b>3.9%</b>	White	<b>9</b>	<b>N/A</b>
White	<b>88.5%</b>	<b>2.9%</b>	<b>6.4%</b>	<b>2.2%</b>			
Other	<b>82.1%</b>	<b>7.1%</b>	<b>7.1%</b>	<b>3.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WILLIAMSBURG POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>147</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>6.8%</b>	Citations per 1000	
	Passing through:	<b>93.2%</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 133)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 6.8%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.026*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.302	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	40.0%	10.0%	20.0%	30.0%	NW	2	
Hispanic	20.0%	0.0%	70.0%	10.0%	White	6	
White	67.5%	10.5%	18.4%	3.5%			
Other	0.0%	0.0%	100.0%	0.0%			
Chi-square, X-tab <sup>6</sup> :		.000*	sig.			Counts	Percent

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WILLIAMSTOWN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>355</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.5%</b>	Citations per 1000	
	Passing through:	<b>82.5%</b>	18 + residents:	<b>55.9</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 308)				ITP Stops <sup>3</sup> (N = 148)			
Mean age				Mean age			
<b>37.13</b>				<b>35.37</b>			
Gender %				Gender %			
Female <b>37.8%</b>				Female <b>37.8%</b>			
Male <b>62.2%</b>				Male <b>62.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>6.9%</b>				AA/Black <b>5.4%</b>			
Hispanic <b>1.3%</b>				Hispanic <b>0.7%</b>			
White <b>90.5%</b>				White <b>91.2%</b>			
Other <b>1.3%</b>				Other <b>2.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.9%</b>	<b>5.1%</b>	<b>1.8%</b>	AA/Black	<b>6.9%</b>	<b>14.5%</b>	<b>-7.6%</b>
Hispanic	<b>1.3%</b>	<b>6.1%</b>	<b>-4.8%</b>	Hispanic	<b>1.3%</b>	<b>15.2%</b>	<b>-13.9%</b>
White	<b>90.5%</b>	<b>79.1%</b>	<b>11.4%</b>	White	<b>90.5%</b>	<b>65.1%</b>	<b>25.4%</b>
Other	<b>1.3%</b>	<b>11.6%</b>	<b>-10.3%</b>	Other	<b>1.3%</b>	<b>5.2%</b>	<b>-3.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	26	<b>8.7%</b>	<b>11.6%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	250	<b>91.3%</b>	<b>88.4%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.475	not sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.709	not sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.2%</b>	<b>16.7%</b>	<b>4.2%</b>	<b>0.0%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>0.0%</b>	<b>25.0%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>65.4%</b>	<b>20.2%</b>	<b>11.5%</b>	<b>2.8%</b>			
Other	<b>25.0%</b>	<b>75.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.232	not sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WILMINGTON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>3,549</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>29.2%</b>	Citations per 1000	
	Passing through:	<b>70.8%</b>	18 + residents:	<b>192.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,497)				ITP Stops <sup>3</sup> (N = 1,166)			
Mean age				Mean age			
<b>40.87</b>				<b>39.76</b>			
Gender %				Gender %			
Female <b>40.2%</b>				Female <b>39.6%</b>			
Male <b>59.8%</b>				Male <b>60.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>3.1%</b>			
AA/Black <b>5.9%</b>				AA/Black <b>5.1%</b>			
Hispanic <b>8.1%</b>				Hispanic <b>9.1%</b>			
White <b>80.3%</b>				White <b>79.4%</b>			
Other <b>5.6%</b>				Other <b>6.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>5.9%</b>	<b>4.1%</b>	<b>1.8%</b>	AA/Black	<b>5.9%</b>	<b>14.5%</b>	<b>-8.6%</b>
Hispanic	<b>8.1%</b>	<b>1.0%</b>	<b>7.1%</b>	Hispanic	<b>8.1%</b>	<b>15.2%</b>	<b>-7.1%</b>
White	<b>80.3%</b>	<b>87.0%</b>	<b>-6.7%</b>	White	<b>80.3%</b>	<b>65.1%</b>	<b>15.2%</b>
Other	<b>5.6%</b>	<b>7.9%</b>	<b>-2.3%</b>	Other	<b>5.6%</b>	<b>5.2%</b>	<b>0.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	639	<b>17.1%</b>	<b>28.9%</b>	NW	207	<b>18.8%</b>	<b>23.5%</b>
White	2,610	<b>82.9%</b>	<b>71.1%</b>	White	803	<b>81.2%</b>	<b>76.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .077 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .511* sig.				Odds ratio Exp(B) <sup>7</sup> : .700 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.5%</b>	<b>11.7%</b>	<b>9.8%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>74.6%</b>	<b>13.2%</b>	<b>9.1%</b>	<b>3.1%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>85.3%</b>	<b>9.5%</b>	<b>4.1%</b>	<b>1.1%</b>			
Other	<b>88.7%</b>	<b>8.7%</b>	<b>2.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WINCHENDON POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>478</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>40.2%</b>	Citations per 1000	
	Passing through:	<b>59.8%</b>	18 + residents:	<b>57.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 423)				ITP Stops <sup>3</sup> (N = 193)			
Mean age				Mean age			
<b>34.6</b>				<b>34.93</b>			
Gender %				Gender %			
Female <b>35.4%</b>				Female <b>37.0%</b>			
Male <b>64.6%</b>				Male <b>63.0%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.0%</b>				Race % Mis/Unk <sup>4</sup> <b>5.2%</b>			
AA/Black <b>3.0%</b>				AA/Black <b>2.7%</b>			
Hispanic <b>7.9%</b>				Hispanic <b>8.7%</b>			
White <b>87.9%</b>				White <b>88.0%</b>			
Other <b>1.2%</b>				Other <b>0.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>3.0%</b>	<b>1.2%</b>	<b>1.8%</b>	AA/Black	<b>3.0%</b>	<b>14.5%</b> <b>-11.5%</b>
Hispanic	<b>7.9%</b>	<b>3.2%</b>	<b>4.7%</b>	Hispanic	<b>7.9%</b>	<b>15.2%</b> <b>-7.3%</b>
White	<b>87.9%</b>	<b>90.8%</b>	<b>-2.9%</b>	White	<b>87.9%</b>	<b>65.1%</b> <b>22.8%</b>
Other	<b>1.2%</b>	<b>5.1%</b>	<b>-3.9%</b>	Other	<b>1.2%</b>	<b>5.2%</b> <b>-4.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	44	<b>11.2%</b>	<b>12.1%</b>	NW	17	<b>10.4%</b>	<b>11.3%</b>
White	333	<b>88.8%</b>	<b>87.9%</b>	White	141	<b>89.6%</b>	<b>88.7%</b>
Chi-square, X-tab <sup>6</sup> :		.803	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.863	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.925	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.898	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>35.7%</b>	<b>21.4%</b>	<b>35.7%</b>	<b>7.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>40.0%</b>	<b>25.7%</b>	<b>31.4%</b>	<b>2.9%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>50.5%</b>	<b>16.3%</b>	<b>31.2%</b>	<b>2.0%</b>			
Other	<b>66.7%</b>	<b>16.7%</b>	<b>16.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.763	<i>not sig.</i>				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WINCHESTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>493</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.7%</b>	Citations per 1000	
	Passing through:	<b>61.3%</b>	18 + residents:	<b>30.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 411)				ITP Stops <sup>3</sup> (N = 186)			
Mean age				Mean age			
<b>41.71</b>				<b>40.32</b>			
Gender %				Gender %			
Female <b>46.9%</b>				Female <b>43.5%</b>			
Male <b>53.1%</b>				Male <b>56.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.0%</b>				Race % Mis/Unk <sup>4</sup> <b>5.4%</b>			
AA/Black <b>4.5%</b>				AA/Black <b>4.5%</b>			
Hispanic <b>6.1%</b>				Hispanic <b>4.5%</b>			
White <b>73.8%</b>				White <b>75.6%</b>			
Other <b>15.6%</b>				Other <b>15.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>4.5%</b>	<b>0.3%</b>	<b>4.2%</b>	AA/Black	<b>4.5%</b>	<b>14.5%</b>	<b>-10.0%</b>
Hispanic	<b>6.1%</b>	<b>2.1%</b>	<b>4.0%</b>	Hispanic	<b>6.1%</b>	<b>15.2%</b>	<b>-9.1%</b>
White	<b>73.8%</b>	<b>79.5%</b>	<b>-5.7%</b>	White	<b>73.8%</b>	<b>65.1%</b>	<b>8.7%</b>
Other	<b>15.6%</b>	<b>17.3%</b>	<b>-1.7%</b>	Other	<b>15.6%</b>	<b>5.2%</b>	<b>10.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	91	<b>26.3%</b>	<b>29.8%</b>	NW	43	<b>26.0%</b>	<b>28.9%</b>
White	247	<b>73.7%</b>	<b>70.2%</b>	White	118	<b>74.0%</b>	<b>71.1%</b>
Chi-square, X-tab <sup>6</sup> :		.588	not sig.	Chi-square, X-tab <sup>6</sup> :		.721	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.749	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.922	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>89.5%</b>	<b>0.0%</b>	<b>5.3%</b>	<b>5.3%</b>	NW	<b>1</b>
Hispanic	<b>51.5%</b>	<b>6.1%</b>	<b>39.4%</b>	<b>3.0%</b>	White	<b>1</b>
White	<b>81.8%</b>	<b>8.7%</b>	<b>6.9%</b>	<b>2.7%</b>		
Other	<b>81.8%</b>	<b>12.1%</b>	<b>6.1%</b>	<b>0.0%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WINTHROP POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>518</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>47.4%</b>	Citations per 1000	
	Passing through:	<b>52.6%</b>	18 + residents:	<b>34.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 500)				ITP Stops <sup>3</sup> (N = 133)			
Mean age				Mean age			
<b>38.04</b>				<b>39.52</b>			
Gender %				Gender %			
Female <b>29.7%</b>				Female <b>28.9%</b>			
Male <b>70.3%</b>				Male <b>71.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>6.4%</b>				AA/Black <b>4.5%</b>			
Hispanic <b>14.2%</b>				Hispanic <b>10.6%</b>			
White <b>74.1%</b>				White <b>84.1%</b>			
Other <b>5.3%</b>				Other <b>0.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.4%</b>	<b>2.2%</b>	<b>4.2%</b>	AA/Black	<b>6.4%</b>	<b>14.5%</b>	<b>-8.1%</b>
Hispanic	<b>14.2%</b>	<b>9.5%</b>	<b>4.7%</b>	Hispanic	<b>14.2%</b>	<b>15.2%</b>	<b>-1.0%</b>
White	<b>74.1%</b>	<b>86.5%</b>	<b>-12.4%</b>	White	<b>74.1%</b>	<b>65.1%</b>	<b>9.0%</b>
Other	<b>5.3%</b>	<b>3.2%</b>	<b>2.1%</b>	Other	<b>5.3%</b>	<b>5.2%</b>	<b>0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	125	<b>18.9%</b>	<b>34.8%</b>	NW	20	<b>14.1%</b>	<b>18.6%</b>
White	350	<b>81.1%</b>	<b>65.2%</b>	White	103	<b>85.9%</b>	<b>81.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .491 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .387* sig.				Odds ratio Exp(B) <sup>7</sup> : .320 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.5%</b>	<b>21.2%</b>	<b>15.2%</b>	<b>9.1%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>54.3%</b>	<b>10.0%</b>	<b>28.6%</b>	<b>7.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>66.0%</b>	<b>15.8%</b>	<b>15.3%</b>	<b>2.9%</b>			
Other	<b>85.2%</b>	<b>11.1%</b>	<b>3.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .011* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WOBURN POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,645</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>38.7%</b>	Citations per 1000	
	Passing through:	<b>61.3%</b>	18 + residents:	<b>81.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,523)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.9%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .112 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .607* sig.				Odds ratio Exp(B) <sup>7</sup> : .656 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
WORCESTER POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>2,283</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>62.1%</b>	Citations per 1000	
	Passing through:	<b>37.9%</b>	18 + residents:	<b>15.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,986)				ITP Stops <sup>3</sup> (N = 989)			
Mean age				Mean age			
<b>37.16</b>				<b>36.56</b>			
Gender %				Gender %			
Female <b>39.2%</b>				Female <b>41.9%</b>			
Male <b>60.7%</b>				Male <b>58.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>10.2%</b>				Race % Mis/Unk <sup>4</sup> <b>5.9%</b>			
AA/Black <b>15.6%</b>				AA/Black <b>15.0%</b>			
Hispanic <b>24.5%</b>				Hispanic <b>22.6%</b>			
White <b>55.1%</b>				White <b>55.7%</b>			
Other <b>4.8%</b>				Other <b>6.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.6%</b>	<b>13.3%</b>	<b>2.3%</b>	AA/Black	<b>15.6%</b>	<b>14.5%</b>	<b>1.1%</b>
Hispanic	<b>24.5%</b>	<b>21.9%</b>	<b>2.6%</b>	Hispanic	<b>24.5%</b>	<b>15.2%</b>	<b>9.3%</b>
White	<b>55.1%</b>	<b>55.2%</b>	<b>-0.1%</b>	White	<b>55.1%</b>	<b>65.1%</b>	<b>-10.0%</b>
Other	<b>4.8%</b>	<b>12.1%</b>	<b>-7.3%</b>	Other	<b>4.8%</b>	<b>5.2%</b>	<b>-0.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	715	<b>43.4%</b>	<b>62.0%</b>	NW	387	<b>42.9%</b>	<b>56.9%</b>
White	873	<b>56.6%</b>	<b>38.0%</b>	White	493	<b>57.1%</b>	<b>43.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .029* sig.			
Odds ratio Exp(B) <sup>7</sup> : .509* sig.				Odds ratio Exp(B) <sup>7</sup> : .527* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?	
AA/Black	<b>51.3%</b>	<b>23.6%</b>	<b>18.5%</b>	<b>6.7%</b>	NW	<b>3</b>
Hispanic	<b>38.5%</b>	<b>26.6%</b>	<b>20.8%</b>	<b>14.1%</b>	White	<b>4</b>
White	<b>60.3%</b>	<b>24.4%</b>	<b>11.2%</b>	<b>4.1%</b>		
Other	<b>81.3%</b>	<b>13.2%</b>	<b>3.3%</b>	<b>2.2%</b>	Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.						

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT WRENTHAM POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>2,561</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>20.2%</b>	Citations per 1000	
	Passing through:	<b>79.8%</b>	18 + residents:	<b>280.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,522)				ITP Stops <sup>3</sup> (N = 1,089)			
Mean age				Mean age			
<b>39.99</b>				<b>39.39</b>			
Gender %				Gender %			
Female		<b>41.3%</b>		Female		<b>40.3%</b>	
Male		<b>58.7%</b>		Male		<b>59.7%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
AA/Black		<b>8.6%</b>		AA/Black		<b>8.0%</b>	
Hispanic		<b>6.2%</b>		Hispanic		<b>7.8%</b>	
White		<b>82.1%</b>		White		<b>81.3%</b>	
Other		<b>3.0%</b>		Other		<b>3.0%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.6%</b>	<b>2.9%</b>	<b>5.7%</b>	AA/Black	<b>8.6%</b>	<b>14.5%</b>	<b>-5.9%</b>
Hispanic	<b>6.2%</b>	<b>2.9%</b>	<b>3.3%</b>	Hispanic	<b>6.2%</b>	<b>15.2%</b>	<b>-9.0%</b>
White	<b>82.1%</b>	<b>92.7%</b>	<b>-10.6%</b>	White	<b>82.1%</b>	<b>65.1%</b>	<b>17.0%</b>
Other	<b>3.0%</b>	<b>1.5%</b>	<b>1.5%</b>	Other	<b>3.0%</b>	<b>5.2%</b>	<b>-2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	381	<b>16.7%</b>	<b>20.6%</b>	NW	159	<b>23.7%</b>	<b>8.2%</b>
White	1,766	<b>83.3%</b>	<b>79.4%</b>	White	688	<b>76.3%</b>	<b>91.8%</b>
Chi-square, X-tab <sup>6</sup> :		.031*	sig.	Chi-square, X-tab <sup>6</sup> :		.000*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.691*	sig.	Odds ratio Exp(B) <sup>7</sup> :		3.569*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>88.2%</b>	<b>4.9%</b>	<b>6.4%</b>	<b>0.5%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>72.6%</b>	<b>9.6%</b>	<b>15.8%</b>	<b>2.1%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>90.2%</b>	<b>6.6%</b>	<b>2.2%</b>	<b>1.0%</b>			
Other	<b>94.2%</b>	<b>5.8%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*		sig.			

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
YARMOUTH POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>1,426</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>36.5%</b>	Citations per 1000	
	Passing through:	<b>63.5%</b>	18 + residents:	<b>71.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,328)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.7%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .021* sig.				Chi-square, X-tab <sup>6</sup> : .747 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .711 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.063 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 BOSTON POLICE DEPARTMENT**

## **2022 Boston Police Department Districts<sup>39</sup>**

**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

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<sup>39</sup>The 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 <sup>1</sup> : <b>951</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>8.5%</b>	Citations per 1000	
	Passing through:	<b>91.5%</b>	18 + residents:	<b>1.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 913)				ITP Stops <sup>3</sup> (N = 275)			
Mean age				Mean age			
<b>42.35</b>				<b>42.67</b>			
Gender %				Gender %			
Female <b>29.9%</b>				Female <b>30.9%</b>			
Male <b>70.0%</b>				Male <b>69.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>10.6%</b>				Race % Mis/Unk <sup>4</sup> <b>13.1%</b>			
AA/Black <b>26.2%</b>				AA/Black <b>24.3%</b>			
Hispanic <b>11.2%</b>				Hispanic <b>10.9%</b>			
White <b>50.6%</b>				White <b>55.2%</b>			
Other <b>12.0%</b>				Other <b>9.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>26.2%</b>	<b>25.2%</b>	<b>1.0%</b>	AA/Black	<b>26.2%</b>	<b>14.5%</b>	<b>11.7%</b>
Hispanic	<b>11.2%</b>	<b>19.8%</b>	<b>-8.6%</b>	Hispanic	<b>11.2%</b>	<b>15.2%</b>	<b>-4.0%</b>
White	<b>50.6%</b>	<b>44.5%</b>	<b>6.1%</b>	White	<b>50.6%</b>	<b>65.1%</b>	<b>-14.5%</b>
Other	<b>12.0%</b>	<b>15.4%</b>	<b>-3.4%</b>	Other	<b>12.0%</b>	<b>5.2%</b>	<b>6.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	378	<b>46.3%</b>	<b>59.4%</b>	NW	93	<b>41.8%</b>	<b>44.0%</b>
White	392	<b>53.7%</b>	<b>40.6%</b>	White	127	<b>58.2%</b>	<b>56.0%</b>
Chi-square, X-tab <sup>6</sup> :		.003*	sig.	Chi-square, X-tab <sup>6</sup> :		.779	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.572*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.535	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.2%</b>	<b>44.3%</b>	<b>5.4%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>69.1%</b>	<b>26.6%</b>	<b>3.2%</b>	<b>1.1%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>56.5%</b>	<b>40.1%</b>	<b>3.0%</b>	<b>0.5%</b>			
Other	<b>51.0%</b>	<b>48.0%</b>	<b>1.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.029*		sig.			

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>1,567</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>31.8%</b>	Citations per 1000	
	Passing through:	<b>68.2%</b>	18 + residents:	<b>2.7</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,458)				ITP Stops <sup>3</sup> (N = 676)			
Mean age				Mean age			
<b>38.32</b>				<b>36.57</b>			
Gender %				Gender %			
Female <b>27.8%</b>				Female <b>26.9%</b>			
Male <b>72.1%</b>				Male <b>72.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>20.3%</b>				Race % Mis/Unk <sup>4</sup> <b>28.4%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>12.8%</b>			
Hispanic <b>44.3%</b>				Hispanic <b>40.3%</b>			
White <b>39.1%</b>				White <b>41.9%</b>			
Other <b>5.3%</b>				Other <b>5.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.3%</b>	<b>25.2%</b>	<b>-13.9%</b>	AA/Black	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
Hispanic	<b>44.3%</b>	<b>19.8%</b>	<b>24.5%</b>	Hispanic	<b>44.3%</b>	<b>15.2%</b>	<b>29.1%</b>
White	<b>39.1%</b>	<b>44.5%</b>	<b>-5.4%</b>	White	<b>39.1%</b>	<b>65.1%</b>	<b>-26.0%</b>
Other	<b>5.3%</b>	<b>15.4%</b>	<b>-10.1%</b>	Other	<b>5.3%</b>	<b>5.2%</b>	<b>0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	651	<b>59.7%</b>	<b>64.7%</b>	NW	251	<b>58.1%</b>	<b>59.0%</b>
White	412	<b>40.3%</b>	<b>35.3%</b>	White	178	<b>41.9%</b>	<b>41.0%</b>
Chi-square, X-tab <sup>6</sup> : .117 not sig.				Chi-square, X-tab <sup>6</sup> : .843 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .776 not sig.				Odds ratio Exp(B) <sup>7</sup> : .947 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.4%</b>	<b>22.4%</b>	<b>11.2%</b>	<b>0.0%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>72.4%</b>	<b>13.7%</b>	<b>13.2%</b>	<b>0.7%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>81.6%</b>	<b>10.3%</b>	<b>7.9%</b>	<b>0.2%</b>			
Other	<b>89.1%</b>	<b>10.9%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>1,223</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>13.7%</b>	Citations per 1000	
	Passing through:	<b>86.3%</b>	18 + residents:	<b>2.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,157)				ITP Stops <sup>3</sup> (N = 387)			
Mean age				Mean age			
<b>37.31</b>				<b>36.49</b>			
Gender %				Gender %			
Female <b>31.2%</b>				Female <b>32.1%</b>			
Male <b>68.7%</b>				Male <b>67.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>14.4%</b>				Race % Mis/Unk <sup>4</sup> <b>20.4%</b>			
AA/Black <b>55.1%</b>				AA/Black <b>58.8%</b>			
Hispanic <b>21.2%</b>				Hispanic <b>16.9%</b>			
White <b>19.1%</b>				White <b>18.8%</b>			
Other <b>4.6%</b>				Other <b>5.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>55.1%</b>	<b>25.2%</b>	<b>29.9%</b>	AA/Black	<b>55.1%</b>	<b>14.5%</b>	<b>40.6%</b>
Hispanic	<b>21.2%</b>	<b>19.8%</b>	<b>1.4%</b>	Hispanic	<b>21.2%</b>	<b>15.2%</b>	<b>6.0%</b>
White	<b>19.1%</b>	<b>44.5%</b>	<b>-25.4%</b>	White	<b>19.1%</b>	<b>65.1%</b>	<b>-46.0%</b>
Other	<b>4.6%</b>	<b>15.4%</b>	<b>-10.8%</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	747	<b>79.5%</b>	<b>83.5%</b>	NW	212	<b>78.9%</b>	<b>86.8%</b>
White	173	<b>20.4%</b>	<b>16.5%</b>	White	50	<b>21.1%</b>	<b>13.2%</b>
Chi-square, X-tab <sup>6</sup> :		.135	not sig.	Chi-square, X-tab <sup>6</sup> :		.154	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.833	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.637	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.8%</b>	<b>24.1%</b>	<b>7.4%</b>	<b>1.7%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>82.0%</b>	<b>14.0%</b>	<b>4.1%</b>	<b>0.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>85.3%</b>	<b>10.2%</b>	<b>3.6%</b>	<b>1.0%</b>			
Other	<b>89.6%</b>	<b>10.4%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>1,274</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.9%</b>	Citations per 1000	
	Passing through:	<b>87.1%</b>	18 + residents:	<b>2.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,148)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 16.6%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .720 not sig.				Chi-square, X-tab <sup>6</sup> : .971 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.217 not sig.				Odds ratio Exp(B) <sup>7</sup> : 1.057 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .404 not sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>5,868</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>16.3%</b>	Citations per 1000	
	Passing through:	<b>83.7%</b>	18 + residents:	<b>10.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,834)				ITP Stops <sup>3</sup> (N = 1,840)			
Mean age				Mean age			
<b>40.65</b>				<b>39.34</b>			
Gender %				Gender %			
Female <b>36.2%</b>				Female <b>37.0%</b>			
Male <b>63.7%</b>				Male <b>62.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>12.7%</b>				Race % Mis/Unk <sup>4</sup> <b>11.5%</b>			
AA/Black <b>23.8%</b>				AA/Black <b>25.4%</b>			
Hispanic <b>14.5%</b>				Hispanic <b>11.9%</b>			
White <b>54.5%</b>				White <b>56.0%</b>			
Other <b>7.1%</b>				Other <b>6.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>23.8%</b>	<b>25.2%</b>	<b>-1.4%</b>	AA/Black	<b>23.8%</b>	<b>14.5%</b>	<b>9.3%</b>
Hispanic	<b>14.5%</b>	<b>19.8%</b>	<b>-5.3%</b>	Hispanic	<b>14.5%</b>	<b>15.2%</b>	<b>-0.7%</b>
White	<b>54.5%</b>	<b>44.5%</b>	<b>10.0%</b>	White	<b>54.5%</b>	<b>65.1%</b>	<b>-10.6%</b>
Other	<b>7.1%</b>	<b>15.4%</b>	<b>-8.3%</b>	Other	<b>7.1%</b>	<b>5.2%</b>	<b>1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,160	<b>40.3%</b>	<b>59.5%</b>	NW	625	<b>42.0%</b>	<b>46.4%</b>
White	2,597	<b>59.7%</b>	<b>40.5%</b>	White	817	<b>58.0%</b>	<b>53.6%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.122	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.467*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.683*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>95.7%</b>	<b>3.9%</b>	<b>0.3%</b>	<b>0.0%</b>	NW	<b>12</b>	<b>N/A</b>
Hispanic	<b>91.2%</b>	<b>7.6%</b>	<b>1.1%</b>	<b>0.1%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>97.4%</b>	<b>2.4%</b>	<b>0.1%</b>	<b>0.0%</b>			
Other	<b>97.3%</b>	<b>2.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>2,944</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>43.2%</b>	Citations per 1000	
	Passing through:	<b>56.8%</b>	18 + residents:	<b>5.1</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,743)				ITP Stops <sup>3</sup> (N = 946)			
Mean age				Mean age			
<b>38.85</b>				<b>40.04</b>			
Gender %				Gender %			
Female <b>34.5%</b>				Female <b>36.4%</b>			
Male <b>65.4%</b>				Male <b>63.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.7%</b>				Race % Mis/Unk <sup>4</sup> <b>11.2%</b>			
AA/Black <b>55.3%</b>				AA/Black <b>54.4%</b>			
Hispanic <b>15.2%</b>				Hispanic <b>8.6%</b>			
White <b>21.2%</b>				White <b>27.7%</b>			
Other <b>8.3%</b>				Other <b>9.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>55.3%</b>	<b>25.2%</b>	<b>30.1%</b>	AA/Black	<b>55.3%</b>	<b>14.5%</b>	<b>40.8%</b>
Hispanic	<b>15.2%</b>	<b>19.8%</b>	<b>-4.6%</b>	Hispanic	<b>15.2%</b>	<b>15.2%</b>	<b>0.0%</b>
White	<b>21.2%</b>	<b>44.5%</b>	<b>-23.3%</b>	White	<b>21.2%</b>	<b>65.1%</b>	<b>-43.9%</b>
Other	<b>8.3%</b>	<b>15.4%</b>	<b>-7.1%</b>	Other	<b>8.3%</b>	<b>5.2%</b>	<b>3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,861	<b>74.4%</b>	<b>84.1%</b>	NW	552	<b>68.9%</b>	<b>81.0%</b>
White	501	<b>25.6%</b>	<b>15.9%</b>	White	215	<b>31.1%</b>	<b>19.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .581* sig.				Odds ratio Exp(B) <sup>7</sup> : .575* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.7%</b>	<b>6.4%</b>	<b>6.6%</b>	<b>0.3%</b>	NW	<b>15</b>	<b>N/A</b>
Hispanic	<b>81.4%</b>	<b>12.8%</b>	<b>5.6%</b>	<b>0.2%</b>	White	<b>4</b>	<b>N/A</b>
White	<b>88.5%</b>	<b>5.5%</b>	<b>5.3%</b>	<b>0.7%</b>			
Other	<b>95.9%</b>	<b>2.7%</b>	<b>1.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>2,688</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>9.2%</b>	Citations per 1000	
	Passing through:	<b>90.8%</b>	18 + residents:	<b>4.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,555)				ITP Stops <sup>3</sup> (N = 951)			
Mean age				Mean age			
<b>38.17</b>				<b>36.88</b>			
Gender %				Gender %			
Female <b>26.0%</b>				Female <b>24.7%</b>			
Male <b>73.8%</b>				Male <b>75.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>18.5%</b>				Race % Mis/Unk <sup>4</sup> <b>26.4%</b>			
AA/Black <b>36.5%</b>				AA/Black <b>37.0%</b>			
Hispanic <b>14.0%</b>				Hispanic <b>10.6%</b>			
White <b>40.8%</b>				White <b>44.1%</b>			
Other <b>8.6%</b>				Other <b>8.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>36.5%</b>	<b>25.2%</b>	<b>11.3%</b>	AA/Black	<b>36.5%</b>	<b>14.5%</b>	<b>22.0%</b>
Hispanic	<b>14.0%</b>	<b>19.8%</b>	<b>-5.8%</b>	Hispanic	<b>14.0%</b>	<b>15.2%</b>	<b>-1.2%</b>
White	<b>40.8%</b>	<b>44.5%</b>	<b>-3.7%</b>	White	<b>40.8%</b>	<b>65.1%</b>	<b>-24.3%</b>
Other	<b>8.6%</b>	<b>15.4%</b>	<b>-6.8%</b>	Other	<b>8.6%</b>	<b>5.2%</b>	<b>3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,122	<b>52.3%</b>	<b>68.1%</b>	NW	339	<b>53.7%</b>	<b>56.7%</b>
White	789	<b>47.7%</b>	<b>31.9%</b>	White	280	<b>46.3%</b>	<b>43.3%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.482	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.497*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.800	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.1%</b>	<b>15.6%</b>	<b>4.9%</b>	<b>0.4%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>77.5%</b>	<b>20.5%</b>	<b>2.0%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>86.0%</b>	<b>12.2%</b>	<b>1.7%</b>	<b>0.1%</b>			
Other	<b>88.2%</b>	<b>11.8%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>316</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>15.7%</b>	Citations per 1000	
	Passing through:	<b>84.3%</b>	18 + residents:	<b>0.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 280)				ITP Stops <sup>3</sup> (N = 135)			
Mean age				Mean age			
<b>38.06</b>				<b>37.32</b>			
Gender %				Gender %			
Female <b>30.5%</b>				Female <b>32.1%</b>			
Male <b>69.5%</b>				Male <b>67.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.6%</b>				Race % Mis/Unk <sup>4</sup> <b>8.9%</b>			
AA/Black <b>20.3%</b>				AA/Black <b>18.7%</b>			
Hispanic <b>12.1%</b>				Hispanic <b>7.3%</b>			
White <b>55.9%</b>				White <b>65.9%</b>			
Other <b>11.7%</b>				Other <b>8.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>20.3%</b>	<b>25.2%</b>	<b>-4.9%</b>	AA/Black	<b>20.3%</b>	<b>14.5%</b>	<b>5.8%</b>
Hispanic	<b>12.1%</b>	<b>19.8%</b>	<b>-7.7%</b>	Hispanic	<b>12.1%</b>	<b>15.2%</b>	<b>-3.1%</b>
White	<b>55.9%</b>	<b>44.5%</b>	<b>11.4%</b>	White	<b>55.9%</b>	<b>65.1%</b>	<b>-9.2%</b>
Other	<b>11.7%</b>	<b>15.4%</b>	<b>-3.7%</b>	Other	<b>11.7%</b>	<b>5.2%</b>	<b>6.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	99	<b>41.6%</b>	<b>48.6%</b>	NW	40	<b>28.4%</b>	<b>46.7%</b>
White	127	<b>58.4%</b>	<b>51.4%</b>	White	72	<b>71.6%</b>	<b>53.3%</b>
Chi-square, X-tab <sup>6</sup> : .319 not sig.				Chi-square, X-tab <sup>6</sup> : .047* sig.			
Odds ratio Exp(B) <sup>7</sup> : .880 not sig.				Odds ratio Exp(B) <sup>7</sup> : .265 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.7%</b>	<b>17.5%</b>	<b>8.8%</b>	<b>0.0%</b>	NW	<b>4</b>	<b>N/A</b>
Hispanic	<b>86.1%</b>	<b>11.1%</b>	<b>2.8%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>79.7%</b>	<b>17.7%</b>	<b>2.5%</b>	<b>0.0%</b>			
Other	<b>78.8%</b>	<b>18.2%</b>	<b>3.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .457 not sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>3,654</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>17.7%</b>	Citations per 1000	
	Passing through:	<b>82.3%</b>	18 + residents:	<b>6.3</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,612)				ITP Stops <sup>3</sup> (N = 1,184)			
Mean age				Mean age			
<b>43.62</b>				<b>44.69</b>			
Gender %				Gender %			
Female <b>50.9%</b>				Female <b>47.7%</b>			
Male <b>49.1%</b>				Male <b>52.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>6.2%</b>			
AA/Black <b>29.4%</b>				AA/Black <b>26.6%</b>			
Hispanic <b>19.5%</b>				Hispanic <b>16.1%</b>			
White <b>47.0%</b>				White <b>51.0%</b>			
Other <b>4.1%</b>				Other <b>6.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>29.4%</b>	<b>25.2%</b>	<b>4.2%</b>	AA/Black	<b>29.4%</b>	<b>14.5%</b>	<b>14.9%</b>
Hispanic	<b>19.5%</b>	<b>19.8%</b>	<b>-0.3%</b>	Hispanic	<b>19.5%</b>	<b>15.2%</b>	<b>4.3%</b>
White	<b>47.0%</b>	<b>44.5%</b>	<b>2.5%</b>	White	<b>47.0%</b>	<b>65.1%</b>	<b>-18.1%</b>
Other	<b>4.1%</b>	<b>15.4%</b>	<b>-11.3%</b>	Other	<b>4.1%</b>	<b>5.2%</b>	<b>-1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,725	<b>53.7%</b>	<b>50.3%</b>	NW	505	<b>50.2%</b>	<b>48.6%</b>
White	1,512	<b>46.3%</b>	<b>49.7%</b>	White	508	<b>49.8%</b>	<b>51.4%</b>
Chi-square, X-tab <sup>6</sup> :		.205	not sig.	Chi-square, X-tab <sup>6</sup> :		.677	not sig.
Odds ratio Exp(B) <sup>7</sup> :		1.119	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.914	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>95.3%</b>	<b>4.0%</b>	<b>0.7%</b>	<b>0.0%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>92.7%</b>	<b>5.1%</b>	<b>1.8%</b>	<b>0.4%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>96.2%</b>	<b>2.9%</b>	<b>1.0%</b>	<b>0.0%</b>			
Other	<b>97.2%</b>	<b>2.8%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.001*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>466</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>12.9%</b>	Citations per 1000	
	Passing through:	<b>87.1%</b>	18 + residents:	<b>0.8</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 425)				ITP Stops <sup>3</sup> (N = 267)			
Mean age				Mean age			
<b>38.04</b>				<b>37.11</b>			
Gender %				Gender %			
Female <b>41.7%</b>				Female <b>42.6%</b>			
Male <b>58.3%</b>				Male <b>57.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.0%</b>				Race % Mis/Unk <sup>4</sup> <b>5.6%</b>			
AA/Black <b>38.9%</b>				AA/Black <b>36.5%</b>			
Hispanic <b>32.7%</b>				Hispanic <b>38.1%</b>			
White <b>24.8%</b>				White <b>22.2%</b>			
Other <b>3.6%</b>				Other <b>3.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>38.9%</b>	<b>25.2%</b>	<b>13.7%</b>	AA/Black	<b>38.9%</b>	<b>14.5%</b>	<b>24.4%</b>
Hispanic	<b>32.7%</b>	<b>19.8%</b>	<b>12.9%</b>	Hispanic	<b>32.7%</b>	<b>15.2%</b>	<b>17.5%</b>
White	<b>24.8%</b>	<b>44.5%</b>	<b>-19.7%</b>	White	<b>24.8%</b>	<b>65.1%</b>	<b>-40.3%</b>
Other	<b>3.6%</b>	<b>15.4%</b>	<b>-11.8%</b>	Other	<b>3.6%</b>	<b>5.2%</b>	<b>-1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	271	<b>74.5%</b>	<b>75.0%</b>	NW	181	<b>78.1%</b>	<b>75.9%</b>
White	92	<b>25.5%</b>	<b>25.0%</b>	White	53	<b>21.9%</b>	<b>24.1%</b>
Chi-square, X-tab <sup>6</sup> :		.926	not sig.	Chi-square, X-tab <sup>6</sup> :		.715	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.978	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.096	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.4%</b>	<b>9.5%</b>	<b>14.9%</b>	<b>1.2%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>81.2%</b>	<b>12.0%</b>	<b>6.8%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>68.5%</b>	<b>18.0%</b>	<b>13.5%</b>	<b>0.0%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.037*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>2,426</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>34.2%</b>	Citations per 1000	
	Passing through:	<b>65.8%</b>	18 + residents:	<b>4.2</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 2,321)				ITP Stops <sup>3</sup> (N = 1,496)			
Mean age				Mean age			
<b>38.34</b>				<b>37.82</b>			
Gender %				Gender %			
Female <b>38.1%</b>				Female <b>38.1%</b>			
Male <b>61.9%</b>				Male <b>61.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.9%</b>				Race % Mis/Unk <sup>4</sup> <b>2.1%</b>			
AA/Black <b>54.8%</b>				AA/Black <b>55.4%</b>			
Hispanic <b>23.9%</b>				Hispanic <b>24.6%</b>			
White <b>19.5%</b>				White <b>18.1%</b>			
Other <b>1.8%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>54.8%</b>	<b>25.2%</b>	<b>29.6%</b>	AA/Black	<b>54.8%</b>	<b>14.5%</b>	<b>40.3%</b>
Hispanic	<b>23.9%</b>	<b>19.8%</b>	<b>4.1%</b>	Hispanic	<b>23.9%</b>	<b>15.2%</b>	<b>8.7%</b>
White	<b>19.5%</b>	<b>44.5%</b>	<b>-25.0%</b>	White	<b>19.5%</b>	<b>65.1%</b>	<b>-45.6%</b>
Other	<b>1.8%</b>	<b>15.4%</b>	<b>-13.6%</b>	Other	<b>1.8%</b>	<b>5.2%</b>	<b>-3.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,657	<b>80.1%</b>	<b>81.1%</b>	NW	1,084	<b>82.4%</b>	<b>77.7%</b>
White	405	<b>19.9%</b>	<b>18.9%</b>	White	249	<b>17.6%</b>	<b>22.3%</b>
Chi-square, X-tab <sup>6</sup> : .615 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .070 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .937 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.596* <i>sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.3%</b>	<b>11.3%</b>	<b>7.0%</b>	<b>0.5%</b>	NW	<b>5</b>	<b>N/A</b>
Hispanic	<b>78.9%</b>	<b>16.1%</b>	<b>4.8%</b>	<b>0.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>86.5%</b>	<b>9.3%</b>	<b>4.1%</b>	<b>0.2%</b>			
Other	<b>92.7%</b>	<b>7.3%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .004* <i>sig.</i>							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,999</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>8.6</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,919)				ITP Stops <sup>3</sup> (N = 1,257)			
Mean age				Mean age			
<b>41.46</b>				<b>40.86</b>			
Gender %				Gender %			
Female <b>33.6%</b>				Female <b>31.5%</b>			
Male <b>66.2%</b>				Male <b>68.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.3%</b>			
Race % Mis/Unk <sup>4</sup> <b>17.0%</b>				Race % Mis/Unk <sup>4</sup> <b>11.9%</b>			
AA/Black <b>26.6%</b>				AA/Black <b>28.2%</b>			
Hispanic <b>14.3%</b>				Hispanic <b>8.8%</b>			
White <b>48.0%</b>				White <b>49.0%</b>			
Other <b>11.0%</b>				Other <b>14.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>26.6%</b>	<b>25.2%</b>	<b>1.4%</b>	AA/Black	<b>26.6%</b>	<b>14.5%</b>	<b>12.1%</b>
Hispanic	<b>14.3%</b>	<b>19.8%</b>	<b>-5.5%</b>	Hispanic	<b>14.3%</b>	<b>15.2%</b>	<b>-0.9%</b>
White	<b>48.0%</b>	<b>44.5%</b>	<b>3.5%</b>	White	<b>48.0%</b>	<b>65.1%</b>	<b>-17.1%</b>
Other	<b>11.0%</b>	<b>15.4%</b>	<b>-4.4%</b>	Other	<b>11.0%</b>	<b>5.2%</b>	<b>5.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,924	<b>51.5%</b>	<b>52.9%</b>	NW	499	<b>48.4%</b>	<b>53.0%</b>
White	1,796	<b>48.5%</b>	<b>47.1%</b>	White	489	<b>51.6%</b>	<b>47.0%</b>
Chi-square, X-tab <sup>6</sup> : .535 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : .153 <i>not sig.</i>			
Odds ratio Exp(B) <sup>7</sup> : .953 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .868 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>86.8%</b>	<b>9.2%</b>	<b>4.0%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>90.8%</b>	<b>9.0%</b>	<b>0.2%</b>	<b>0.0%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>90.9%</b>	<b>8.2%</b>	<b>0.9%</b>	<b>0.1%</b>			
Other	<b>90.6%</b>	<b>9.2%</b>	<b>0.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

## 2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT ALL BOSTON POLICE DEPARTMENT

Total Citations <sup>1</sup> : <b>28,854</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>21.2%</b>	Citations per 1000	
	Passing through:	<b>78.8%</b>	18 + residents:	<b>49.5</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 28,854)				ITP Stops <sup>3</sup> (N = 9,886)			
Mean age				Mean age			
<b>40.01</b>				<b>39.36</b>			
Gender %				Gender %			
Female <b>35.6%</b>				Female <b>35.7%</b>			
Male <b>64.3%</b>				Male <b>64.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>12.3%</b>				Race % Mis/Unk <sup>4</sup> <b>12.8%</b>			
AA/Black <b>35.7%</b>				AA/Black <b>37.2%</b>			
Hispanic <b>17.8%</b>				Hispanic <b>16.4%</b>			
White <b>39.7%</b>				White <b>39.5%</b>			
Other <b>6.8%</b>				Other <b>6.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>35.7%</b>	<b>25.2%</b>	<b>10.5%</b>	AA/Black	<b>35.7%</b>	<b>14.5%</b>	<b>21.2%</b>
Hispanic	<b>17.8%</b>	<b>19.8%</b>	<b>-2.0%</b>	Hispanic	<b>17.8%</b>	<b>15.2%</b>	<b>2.6%</b>
White	<b>39.7%</b>	<b>44.5%</b>	<b>-4.8%</b>	White	<b>39.7%</b>	<b>65.1%</b>	<b>-25.4%</b>
Other	<b>6.8%</b>	<b>15.4%</b>	<b>-8.6%</b>	Other	<b>6.8%</b>	<b>5.2%</b>	<b>1.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	13,357	<b>56.5%</b>	<b>69.2%</b>	NW	4,659	<b>60.0%</b>	<b>60.7%</b>
White	8,924	<b>43.5%</b>	<b>30.8%</b>	White	3,082	<b>40.0%</b>	<b>39.3%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .564 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .571* sig.				Odds ratio Exp(B) <sup>7</sup> : .989 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>80.6%</b>	<b>10.6%</b>	<b>8.3%</b>	<b>0.4%</b>	NW	<b>82</b>	<b>76.6%</b>
Hispanic	<b>83.6%</b>	<b>11.9%</b>	<b>4.2%</b>	<b>0.3%</b>	White	<b>25</b>	<b>23.4%</b>
White	<b>89.4%</b>	<b>7.8%</b>	<b>2.7%</b>	<b>0.1%</b>			
Other	<b>89.8%</b>	<b>9.0%</b>	<b>1.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS STATE POLICE**

## **2022 Massachusetts State Police Troop Boundaries<sup>40</sup>**

**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

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<sup>40</sup>Massachusetts 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 <sup>1</sup> : <b>824</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 780)				ITP Stops <sup>3</sup> (N = 257)			
Mean age				Mean age			
<b>36.51</b>				<b>36.69</b>			
Gender %				Gender %			
Female <b>31.2%</b>				Female <b>32.8%</b>			
Male <b>68.6%</b>				Male <b>67.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.0%</b>			
AA/Black <b>16.2%</b>				AA/Black <b>16.3%</b>			
Hispanic <b>20.6%</b>				Hispanic <b>19.1%</b>			
White <b>58.0%</b>				White <b>59.5%</b>			
Other <b>5.3%</b>				Other <b>5.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.2%</b>	<b>14.5%</b>	<b>1.7%</b>
Hispanic	<b>20.6%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.6%</b>	<b>15.2%</b>	<b>5.4%</b>
White	<b>58.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>58.0%</b>	<b>65.1%</b>	<b>-7.1%</b>
Other	<b>5.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.3%</b>	<b>5.2%</b>	<b>0.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	315	<b>38.4%</b>	<b>50.0%</b>	NW	99	<b>41.5%</b>	<b>39.3%</b>
White	431	<b>61.6%</b>	<b>50.0%</b>	White	144	<b>58.5%</b>	<b>60.7%</b>
Chi-square, X-tab <sup>6</sup> :		.003*	sig.	Chi-square, X-tab <sup>6</sup> :		.737	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.729	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.300	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>50.8%</b>	<b>30.3%</b>	<b>12.9%</b>	<b>6.1%</b>	NW	<b>6</b>	<b>N/A</b>
Hispanic	<b>55.2%</b>	<b>23.0%</b>	<b>15.8%</b>	<b>6.1%</b>	White	<b>9</b>	<b>N/A</b>
White	<b>62.6%</b>	<b>30.1%</b>	<b>6.0%</b>	<b>1.3%</b>			
Other	<b>45.0%</b>	<b>47.5%</b>	<b>7.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>5,472</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,411)				ITP Stops <sup>3</sup> (N = 1,797)			
Mean age				Mean age			
<b>38.81</b>				<b>38.22</b>			
Gender %				Gender %			
Female <b>14.8%</b>				Female <b>15.4%</b>			
Male <b>85.2%</b>				Male <b>84.5%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>41.0%</b>				Race % Mis/Unk <sup>4</sup> <b>34.3%</b>			
AA/Black <b>14.9%</b>				AA/Black <b>16.0%</b>			
Hispanic <b>20.9%</b>				Hispanic <b>21.9%</b>			
White <b>60.3%</b>				White <b>57.7%</b>			
Other <b>3.9%</b>				Other <b>4.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>14.9%</b>	<b>14.5%</b>	<b>0.4%</b>
Hispanic	<b>20.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.9%</b>	<b>15.2%</b>	<b>5.7%</b>
White	<b>60.3%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>60.3%</b>	<b>65.1%</b>	<b>-4.8%</b>
Other	<b>3.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.9%</b>	<b>5.2%</b>	<b>-1.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,227	<b>39.4%</b>	<b>43.0%</b>	NW	458	<b>43.4%</b>	<b>41.4%</b>
White	1,853	<b>60.6%</b>	<b>57.0%</b>	White	610	<b>46.6%</b>	<b>58.6%</b>
Chi-square, X-tab <sup>6</sup> :		.160	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.564	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.915	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		1.291	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.2%</b>	<b>36.0%</b>	<b>5.0%</b>	<b>0.8%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>42.2%</b>	<b>46.0%</b>	<b>9.9%</b>	<b>1.9%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>56.8%</b>	<b>39.0%</b>	<b>3.4%</b>	<b>0.8%</b>			
Other	<b>49.6%</b>	<b>48.0%</b>	<b>2.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>1,161</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,140)				ITP Stops <sup>3</sup> (N = 517)			
Mean age				Mean age			
<b>34.75</b>				<b>33.37</b>			
Gender %				Gender %			
Female <b>24.4%</b>				Female <b>24.4%</b>			
Male <b>75.4%</b>				Male <b>75.6%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.3%</b>				Race % Mis/Unk <sup>4</sup> <b>4.8%</b>			
AA/Black <b>34.4%</b>				AA/Black <b>39.2%</b>			
Hispanic <b>14.8%</b>				Hispanic <b>13.6%</b>			
White <b>45.9%</b>				White <b>42.9%</b>			
Other <b>4.9%</b>				Other <b>4.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>34.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>34.4%</b>	<b>14.5%</b>	<b>19.9%</b>
Hispanic	<b>14.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>14.8%</b>	<b>15.2%</b>	<b>-0.4%</b>
White	<b>45.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>45.9%</b>	<b>65.1%</b>	<b>-19.2%</b>
Other	<b>4.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.9%</b>	<b>5.2%</b>	<b>-0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	559	<b>48.2%</b>	<b>61.2%</b>	NW	251	<b>53.6%</b>	<b>61.1%</b>
White	485	<b>51.8%</b>	<b>38.8%</b>	White	195	<b>46.4%</b>	<b>38.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .127 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .570* sig.				Odds ratio Exp(B) <sup>7</sup> : .558* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>79.2%</b>	<b>13.5%</b>	<b>5.7%</b>	<b>1.6%</b>	NW	<b>28</b>	<b>N/A</b>
Hispanic	<b>75.9%</b>	<b>14.5%</b>	<b>9.0%</b>	<b>0.6%</b>	White	<b>3</b>	<b>N/A</b>
White	<b>73.2%</b>	<b>22.4%</b>	<b>3.4%</b>	<b>1.0%</b>			
Other	<b>64.9%</b>	<b>24.6%</b>	<b>5.3%</b>	<b>5.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>1,456</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,450)				ITP Stops <sup>3</sup> (N = 343)			
Mean age				Mean age			
<b>39.08</b>				<b>37.13</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>34.2%</b>			
Male <b>64.7%</b>				Male <b>65.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.9%</b>				Race % Mis/Unk <sup>4</sup> <b>1.5%</b>			
AA/Black <b>17.5%</b>				AA/Black <b>17.2%</b>			
Hispanic <b>16.8%</b>				Hispanic <b>18.6%</b>			
White <b>58.5%</b>				White <b>58.0%</b>			
Other <b>7.2%</b>				Other <b>6.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>17.5%</b>	<b>14.5%</b>	<b>3.0%</b>
Hispanic	<b>16.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.8%</b>	<b>15.2%</b>	<b>1.6%</b>
White	<b>58.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>58.5%</b>	<b>65.1%</b>	<b>-6.6%</b>
Other	<b>7.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.2%</b>	<b>5.2%</b>	<b>2.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	583	<b>40.1%</b>	<b>53.8%</b>	NW	128	<b>41.2%</b>	<b>44.4%</b>
White	822	<b>59.9%</b>	<b>46.2%</b>	White	178	<b>58.8%</b>	<b>55.6%</b>
Chi-square, X-tab <sup>6</sup> :		.002*	sig.	Chi-square, X-tab <sup>6</sup> :		.637	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.595*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.751	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.1%</b>	<b>22.9%</b>	<b>3.6%</b>	<b>0.4%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>55.6%</b>	<b>39.1%</b>	<b>5.3%</b>	<b>0.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>81.9%</b>	<b>16.9%</b>	<b>1.2%</b>	<b>0.0%</b>			
Other	<b>74.0%</b>	<b>22.1%</b>	<b>3.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>3,874</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,768)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.3%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .821 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .673* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.120 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>3,542</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,494)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.8%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .632 not sig.				Chi-square, X-tab <sup>6</sup> : .481 not sig.			
Odds ratio Exp(B) <sup>7</sup> : 1.011 not sig.				Odds ratio Exp(B) <sup>7</sup> : .882 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>7,198</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,331)				ITP Stops <sup>3</sup> (N = 1,972)			
Mean age				Mean age			
<b>35.67</b>				<b>36.17</b>			
Gender %				Gender %			
Female <b>29.2%</b>				Female <b>28.2%</b>			
Male <b>70.8%</b>				Male <b>71.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>0.5%</b>			
AA/Black <b>11.1%</b>				AA/Black <b>9.5%</b>			
Hispanic <b>30.3%</b>				Hispanic <b>28.7%</b>			
White <b>52.2%</b>				White <b>55.3%</b>			
Other <b>6.4%</b>				Other <b>6.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>11.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.1%</b>	<b>-3.4%</b>
Hispanic	<b>30.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>30.3%</b>	<b>15.1%</b>
White	<b>52.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>65.1%</b>	<b>-12.9%</b>
Other	<b>6.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.2%</b>	<b>1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,891	<b>41.8%</b>	<b>54.6%</b>	NW	773	<b>42.4%</b>	<b>47.2%</b>
White	3,161	<b>58.2%</b>	<b>45.4%</b>	White	971	<b>57.6%</b>	<b>52.8%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.046*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.612*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.933	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.2%</b>	<b>22.7%</b>	<b>7.2%</b>	<b>3.9%</b>	NW	<b>22</b>	<b>N/A</b>
Hispanic	<b>62.1%</b>	<b>22.8%</b>	<b>12.4%</b>	<b>2.8%</b>	White	<b>28</b>	<b>N/A</b>
White	<b>68.1%</b>	<b>24.3%</b>	<b>5.2%</b>	<b>2.5%</b>			
Other	<b>64.0%</b>	<b>27.3%</b>	<b>5.8%</b>	<b>2.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>7,867</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,558)				ITP Stops <sup>3</sup> (N = 2,542)			
Mean age				Mean age			
<b>36.85</b>				<b>36.4</b>			
Gender %				Gender %			
Female <b>32.0%</b>				Female <b>30.7%</b>			
Male <b>68.0%</b>				Male <b>69.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>6.8%</b>				AA/Black <b>5.7%</b>			
Hispanic <b>17.3%</b>				Hispanic <b>17.3%</b>			
White <b>71.8%</b>				White <b>73.8%</b>			
Other <b>4.0%</b>				Other <b>3.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>6.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>6.8%</b>	<b>14.5%</b>	<b>-7.7%</b>
Hispanic	<b>17.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.3%</b>	<b>15.2%</b>	<b>2.1%</b>
White	<b>71.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>71.8%</b>	<b>65.1%</b>	<b>6.7%</b>
Other	<b>4.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.0%</b>	<b>5.2%</b>	<b>-1.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,001	<b>23.2%</b>	<b>36.9%</b>	NW	567	<b>24.8%</b>	<b>27.8%</b>
White	5,106	<b>76.8%</b>	<b>63.1%</b>	White	1,624	<b>75.2%</b>	<b>72.2%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .120 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .502* sig.				Odds ratio Exp(B) <sup>7</sup> : .683* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.1%</b>	<b>27.9%</b>	<b>10.1%</b>	<b>3.8%</b>	NW	<b>11</b>	<b>N/A</b>
Hispanic	<b>57.9%</b>	<b>22.4%</b>	<b>16.8%</b>	<b>2.9%</b>	White	<b>26</b>	<b>N/A</b>
White	<b>66.7%</b>	<b>27.0%</b>	<b>4.6%</b>	<b>1.7%</b>			
Other	<b>64.8%</b>	<b>30.6%</b>	<b>4.2%</b>	<b>0.3%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>6,478</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,977)				ITP Stops <sup>3</sup> (N = 2,058)			
Mean age				Mean age			
<b>35.05</b>				<b>34.78</b>			
Gender %				Gender %			
Female <b>29.8%</b>				Female <b>29.1%</b>			
Male <b>70.0%</b>				Male <b>70.7%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>6.1%</b>				Race % Mis/Unk <sup>4</sup> <b>5.1%</b>			
AA/Black <b>15.7%</b>				AA/Black <b>12.1%</b>			
Hispanic <b>17.1%</b>				Hispanic <b>18.7%</b>			
White <b>56.8%</b>				White <b>59.1%</b>			
Other <b>10.4%</b>				Other <b>10.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>15.7%</b>	<b>14.5%</b>	<b>1.2%</b>
Hispanic	<b>17.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.1%</b>	<b>15.2%</b>	<b>1.9%</b>
White	<b>56.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>56.8%</b>	<b>65.1%</b>	<b>-8.3%</b>
Other	<b>10.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>10.4%</b>	<b>5.2%</b>	<b>5.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,335	<b>38.8%</b>	<b>48.8%</b>	NW	715	<b>40.5%</b>	<b>41.0%</b>
White	3,069	<b>61.2%</b>	<b>51.2%</b>	White	1,045	<b>59.5%</b>	<b>59.0%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.828	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.634*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.955	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.3%</b>	<b>22.9%</b>	<b>7.2%</b>	<b>1.6%</b>	NW	<b>10</b>	<b>N/A</b>
Hispanic	<b>59.0%</b>	<b>23.7%</b>	<b>14.7%</b>	<b>2.7%</b>	White	<b>9</b>	<b>N/A</b>
White	<b>70.4%</b>	<b>23.9%</b>	<b>4.2%</b>	<b>1.5%</b>			
Other	<b>69.8%</b>	<b>24.8%</b>	<b>4.2%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,577</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,904)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.8%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .009* sig.			
Odds ratio Exp(B) <sup>7</sup> : .548* sig.				Odds ratio Exp(B) <sup>7</sup> : .715 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>6,101</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,620)				ITP Stops <sup>3</sup> (N = 1,685)			
Mean age				Mean age			
<b>35.43</b>				<b>36.27</b>			
Gender %				Gender %			
Female <b>26.7%</b>				Female <b>27.9%</b>			
Male <b>73.3%</b>				Male <b>72.1%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.5%</b>				Race % Mis/Unk <sup>4</sup> <b>2.4%</b>			
AA/Black <b>16.7%</b>				AA/Black <b>14.0%</b>			
Hispanic <b>42.2%</b>				Hispanic <b>38.4%</b>			
White <b>35.1%</b>				White <b>41.6%</b>			
Other <b>5.9%</b>				Other <b>6.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.7%</b>	<b>14.5%</b>	<b>2.2%</b>
Hispanic	<b>42.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>42.2%</b>	<b>15.2%</b>	<b>27.0%</b>
White	<b>35.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>35.1%</b>	<b>65.1%</b>	<b>-30.0%</b>
Other	<b>5.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.9%</b>	<b>5.2%</b>	<b>0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,418	<b>58.0%</b>	<b>71.3%</b>	NW	871	<b>57.5%</b>	<b>60.2%</b>
White	1,836	<b>42.0%</b>	<b>28.7%</b>	White	620	<b>42.5%</b>	<b>39.8%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .321 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .560* sig.				Odds ratio Exp(B) <sup>7</sup> : .967 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>68.3%</b>	<b>15.8%</b>	<b>14.1%</b>	<b>1.9%</b>	NW	<b>29</b>	<b>N/A</b>
Hispanic	<b>56.7%</b>	<b>16.5%</b>	<b>22.5%</b>	<b>4.3%</b>	White	<b>12</b>	<b>N/A</b>
White	<b>70.0%</b>	<b>17.7%</b>	<b>10.0%</b>	<b>2.3%</b>			
Other	<b>68.5%</b>	<b>17.6%</b>	<b>11.9%</b>	<b>2.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>8,720</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,577)				ITP Stops <sup>3</sup> (N = 1,926)			
Mean age				Mean age			
<b>37.27</b>				<b>37.66</b>			
Gender %				Gender %			
Female <b>30.0%</b>				Female <b>28.6%</b>			
Male <b>70.0%</b>				Male <b>71.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.2%</b>			
AA/Black <b>11.7%</b>				AA/Black <b>9.0%</b>			
Hispanic <b>19.8%</b>				Hispanic <b>19.4%</b>			
White <b>62.6%</b>				White <b>66.5%</b>			
Other <b>5.9%</b>				Other <b>5.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.7%</b>	<b>14.5%</b>	<b>-2.8%</b>
Hispanic	<b>19.8%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.8%</b>	<b>15.2%</b>	<b>4.6%</b>
White	<b>62.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.6%</b>	<b>65.1%</b>	<b>-2.5%</b>
Other	<b>5.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.9%</b>	<b>5.2%</b>	<b>0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,650	<b>30.1%</b>	<b>45.1%</b>	NW	556	<b>33.9%</b>	<b>33.6%</b>
White	4,403	<b>69.9%</b>	<b>54.9%</b>	White	1,089	<b>66.1%</b>	<b>66.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .893 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .519* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.011 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>74.2%</b>	<b>10.9%</b>	<b>12.3%</b>	<b>2.6%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>61.0%</b>	<b>11.8%</b>	<b>22.0%</b>	<b>5.2%</b>	White	<b>8</b>	<b>N/A</b>
White	<b>76.2%</b>	<b>13.2%</b>	<b>7.3%</b>	<b>3.3%</b>			
Other	<b>79.4%</b>	<b>14.4%</b>	<b>4.0%</b>	<b>2.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,922</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,855)				ITP Stops <sup>3</sup> (N = 2,068)			
Mean age				Mean age			
<b>36.82</b>				<b>36.17</b>			
Gender %				Gender %			
Female <b>36.5%</b>				Female <b>34.9%</b>			
Male <b>63.5%</b>				Male <b>65.0%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>0.8%</b>			
AA/Black <b>11.3%</b>				AA/Black <b>11.9%</b>			
Hispanic <b>19.3%</b>				Hispanic <b>20.9%</b>			
White <b>65.6%</b>				White <b>63.8%</b>			
Other <b>3.8%</b>				Other <b>3.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.3%</b>	<b>14.5%</b>	<b>-3.2%</b>
Hispanic	<b>19.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.3%</b>	<b>15.2%</b>	<b>4.1%</b>
White	<b>65.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>65.6%</b>	<b>65.1%</b>	<b>0.5%</b>
Other	<b>3.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.8%</b>	<b>5.2%</b>	<b>-1.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,580	<b>33.1%</b>	<b>38.0%</b>	NW	679	<b>36.0%</b>	<b>36.4%</b>
White	3,029	<b>66.9%</b>	<b>62.0%</b>	White	1,199	<b>64.0%</b>	<b>63.6%</b>
Chi-square, X-tab <sup>6</sup> :		.002*	sig.	Chi-square, X-tab <sup>6</sup> :		.875	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.739*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.706*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>40.5%</b>	<b>41.7%</b>	<b>14.9%</b>	<b>2.9%</b>	NW	<b>15</b>	<b>N/A</b>
Hispanic	<b>43.9%</b>	<b>40.7%</b>	<b>14.2%</b>	<b>1.3%</b>	White	<b>34</b>	<b>N/A</b>
White	<b>43.8%</b>	<b>49.6%</b>	<b>5.6%</b>	<b>1.0%</b>			
Other	<b>39.2%</b>	<b>60.2%</b>	<b>0.6%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,743</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,683)				ITP Stops <sup>3</sup> (N = 1,488)			
Mean age				Mean age			
<b>38.51</b>				<b>38.55</b>			
Gender %				Gender %			
Female <b>37.0%</b>				Female <b>36.4%</b>			
Male <b>62.9%</b>				Male <b>63.6%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>11.2%</b>				AA/Black <b>10.4%</b>			
Hispanic <b>11.4%</b>				Hispanic <b>10.0%</b>			
White <b>73.0%</b>				White <b>75.7%</b>			
Other <b>4.4%</b>				Other <b>3.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.2%</b>	<b>14.5%</b>	<b>-3.3%</b>
Hispanic	<b>11.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>11.4%</b>	<b>15.2%</b>	<b>-3.8%</b>
White	<b>73.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>73.0%</b>	<b>65.1%</b>	<b>7.9%</b>
Other	<b>4.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.4%</b>	<b>5.2%</b>	<b>-0.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,194	<b>26.0%</b>	<b>29.3%</b>	NW	319	<b>24.6%</b>	<b>24.1%</b>
White	3,217	<b>74.0%</b>	<b>70.7%</b>	White	988	<b>75.4%</b>	<b>75.9%</b>
Chi-square, X-tab <sup>6</sup> :		.023*	sig.	Chi-square, X-tab <sup>6</sup> :		.846	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.842*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.024	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.6%</b>	<b>17.3%</b>	<b>12.7%</b>	<b>0.4%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>61.3%</b>	<b>22.1%</b>	<b>15.1%</b>	<b>1.5%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>77.1%</b>	<b>17.9%</b>	<b>4.3%</b>	<b>0.7%</b>			
Other	<b>77.5%</b>	<b>21.0%</b>	<b>1.5%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,517</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,391)				ITP Stops <sup>3</sup> (N = 1,219)			
Mean age				Mean age			
<b>37.19</b>				<b>36.04</b>			
Gender %				Gender %			
Female <b>37.4%</b>				Female <b>34.7%</b>			
Male <b>62.3%</b>				Male <b>65.2%</b>			
Non-binary <b>0.3%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.7%</b>			
AA/Black <b>8.5%</b>				AA/Black <b>6.8%</b>			
Hispanic <b>9.3%</b>				Hispanic <b>12.0%</b>			
White <b>78.8%</b>				White <b>78.2%</b>			
Other <b>3.4%</b>				Other <b>3.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.5%</b>	<b>14.5%</b>	<b>-6.0%</b>
Hispanic	<b>9.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>9.3%</b>	<b>15.2%</b>	<b>-5.9%</b>
White	<b>78.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>78.8%</b>	<b>65.1%</b>	<b>13.7%</b>
Other	<b>3.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.4%</b>	<b>5.2%</b>	<b>-1.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	880	<b>18.1%</b>	<b>27.9%</b>	NW	233	<b>21.2%</b>	<b>22.3%</b>
White	3,300	<b>81.9%</b>	<b>72.1%</b>	White	848	<b>78.8%</b>	<b>77.7%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .701 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .559* sig.				Odds ratio Exp(B) <sup>7</sup> : .888 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>56.8%</b>	<b>22.1%</b>	<b>13.0%</b>	<b>8.1%</b>	NW	<b>10</b>	<b>N/A</b>
Hispanic	<b>56.0%</b>	<b>21.3%</b>	<b>17.7%</b>	<b>5.0%</b>	White	<b>29</b>	<b>N/A</b>
White	<b>72.0%</b>	<b>20.4%</b>	<b>4.5%</b>	<b>3.1%</b>			
Other	<b>61.7%</b>	<b>31.5%</b>	<b>4.7%</b>	<b>2.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>7,861</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

<b>All Stops<sup>2</sup> (N = 7,499)</b>				<b>ITP Stops<sup>3</sup> (N = 2,269)</b>			
Mean age				Mean age			
<b>34.28</b>				<b>35.26</b>			
Gender %				Gender %			
Female		<b>36.0%</b>		Female		<b>34.0%</b>	
Male		<b>63.9%</b>		Male		<b>65.9%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.1%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
		<b>1.5%</b>				<b>0.6%</b>	
AA/Black		<b>18.2%</b>		AA/Black		<b>19.5%</b>	
Hispanic		<b>40.7%</b>		Hispanic		<b>40.5%</b>	
White		<b>37.8%</b>		White		<b>36.9%</b>	
Other		<b>3.3%</b>		Other		<b>3.1%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>Percentage of cases where race was not reported (missing) or police could not make a determination (unknown)

**Comparative Analyses**

<b>Stops vs. U.S. Census Demographics</b>				<b>Stops vs. State Average<sup>5</sup></b>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>18.2%</b>	<b>14.5%</b>	<b>3.7%</b>
Hispanic	<b>40.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>40.7%</b>	<b>15.2%</b>	<b>25.5%</b>
White	<b>37.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>37.8%</b>	<b>65.1%</b>	<b>-27.3%</b>
Other	<b>3.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.3%</b>	<b>5.2%</b>	<b>-1.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,453	<b>59.7%</b>	<b>66.5%</b>	NW	1,289	<b>63.2%</b>	<b>63.5%</b>
White	2,691	<b>40.3%</b>	<b>33.5%</b>	White	747	<b>36.8%</b>	<b>36.5%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.918	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.772*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.048	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>54.7%</b>	<b>23.4%</b>	<b>18.3%</b>	<b>3.5%</b>	NW	<b>32</b>	<b>N/A</b>
Hispanic	<b>52.7%</b>	<b>23.0%</b>	<b>20.4%</b>	<b>3.9%</b>	White	<b>20</b>	<b>N/A</b>
White	<b>64.0%</b>	<b>27.6%</b>	<b>6.5%</b>	<b>1.9%</b>			
Other	<b>57.0%</b>	<b>35.5%</b>	<b>5.6%</b>	<b>2.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,252</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,187)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.5%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .421 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .651* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.175 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>3,355</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,282)				ITP Stops <sup>3</sup> (N = 832)			
Mean age				Mean age			
<b>35.13</b>				<b>36.34</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>35.1%</b>			
Male <b>63.9%</b>				Male <b>64.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>1.0%</b>			
AA/Black <b>9.5%</b>				AA/Black <b>7.3%</b>			
Hispanic <b>21.7%</b>				Hispanic <b>18.8%</b>			
White <b>66.1%</b>				White <b>71.5%</b>			
Other <b>2.6%</b>				Other <b>2.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>9.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>9.5%</b>	<b>14.5%</b>	<b>-5.0%</b>
Hispanic	<b>21.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>21.7%</b>	<b>15.2%</b>	<b>6.5%</b>
White	<b>66.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>66.1%</b>	<b>65.1%</b>	<b>1.0%</b>
Other	<b>2.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.6%</b>	<b>5.2%</b>	<b>-2.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,068	<b>29.8%</b>	<b>38.0%</b>	NW	210	<b>29.1%</b>	<b>28.1%</b>
White	2,067	<b>70.2%</b>	<b>62.0%</b>	White	521	<b>70.9%</b>	<b>71.9%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.772	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.704*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.021	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>67.3%</b>	<b>20.5%</b>	<b>11.5%</b>	<b>0.6%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>61.8%</b>	<b>21.6%</b>	<b>15.2%</b>	<b>1.4%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>75.6%</b>	<b>17.9%</b>	<b>4.8%</b>	<b>1.6%</b>			
Other	<b>68.6%</b>	<b>26.7%</b>	<b>4.7%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>7,485</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,313)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 3.0%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .562* sig.				Odds ratio Exp(B) <sup>7</sup> : .757* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>6,010</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,809)				ITP Stops <sup>3</sup> (N = 1,867)			
Mean age				Mean age			
<b>36.02</b>				<b>36.4</b>			
Gender %				Gender %			
Female <b>35.3%</b>				Female <b>35.7%</b>			
Male <b>64.7%</b>				Male <b>64.3%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.2%</b>			
AA/Black <b>12.5%</b>				AA/Black <b>11.9%</b>			
Hispanic <b>18.3%</b>				Hispanic <b>18.2%</b>			
White <b>63.5%</b>				White <b>65.0%</b>			
Other <b>5.7%</b>				Other <b>5.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.5%</b>	<b>14.5%</b>	<b>-2.0%</b>
Hispanic	<b>18.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.3%</b>	<b>15.2%</b>	<b>3.1%</b>
White	<b>63.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>63.5%</b>	<b>65.1%</b>	<b>-1.6%</b>
Other	<b>5.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.7%</b>	<b>5.2%</b>	<b>0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,989	<b>34.6%</b>	<b>41.2%</b>	NW	582	<b>35.9%</b>	<b>35.4%</b>
White	3,418	<b>65.4%</b>	<b>58.8%</b>	White	1,045	<b>64.1%</b>	<b>64.6%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .870 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .763* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.009 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.1%</b>	<b>25.8%</b>	<b>10.3%</b>	<b>1.8%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>62.6%</b>	<b>19.0%</b>	<b>16.2%</b>	<b>2.2%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>72.3%</b>	<b>21.8%</b>	<b>4.2%</b>	<b>1.6%</b>			
Other	<b>70.4%</b>	<b>24.0%</b>	<b>4.4%</b>	<b>1.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>3,763</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 3,739)				ITP Stops <sup>3</sup> (N = 1,662)			
Mean age				Mean age			
<b>36.28</b>				<b>36.06</b>			
Gender %				Gender %			
Female <b>30.0%</b>				Female <b>30.2%</b>			
Male <b>70.0%</b>				Male <b>69.8%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>11.7%</b>				AA/Black <b>10.6%</b>			
Hispanic <b>20.7%</b>				Hispanic <b>21.2%</b>			
White <b>61.6%</b>				White <b>62.0%</b>			
Other <b>5.9%</b>				Other <b>6.2%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>11.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>11.7%</b>	<b>14.5%</b>	<b>-2.8%</b>
Hispanic	<b>20.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>20.7%</b>	<b>15.2%</b>	<b>5.5%</b>
White	<b>61.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>61.6%</b>	<b>65.1%</b>	<b>-3.5%</b>
Other	<b>5.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.9%</b>	<b>5.2%</b>	<b>0.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,357	<b>36.9%</b>	<b>44.3%</b>	NW	572	<b>35.8%</b>	<b>42.8%</b>
White	2,192	<b>63.1%</b>	<b>55.7%</b>	White	948	<b>64.2%</b>	<b>57.2%</b>
Chi-square, X-tab <sup>6</sup> : .001* sig.				Chi-square, X-tab <sup>6</sup> : .014* sig.			
Odds ratio Exp(B) <sup>7</sup> : .802* sig.				Odds ratio Exp(B) <sup>7</sup> : .961 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>52.5%</b>	<b>35.6%</b>	<b>11.2%</b>	<b>0.7%</b>	NW	<b>16</b>	<b>N/A</b>
Hispanic	<b>50.1%</b>	<b>34.5%</b>	<b>13.7%</b>	<b>1.7%</b>	White	<b>16</b>	<b>N/A</b>
White	<b>55.3%</b>	<b>40.8%</b>	<b>3.5%</b>	<b>0.4%</b>			
Other	<b>51.6%</b>	<b>43.3%</b>	<b>4.1%</b>	<b>0.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>7,174</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,055)				ITP Stops <sup>3</sup> (N = 1,981)			
Mean age				Mean age			
<b>35.64</b>				<b>36.32</b>			
Gender %				Gender %			
Female <b>37.7%</b>				Female <b>33.0%</b>			
Male <b>62.2%</b>				Male <b>66.8%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.2%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.1%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>7.8%</b>				AA/Black <b>6.4%</b>			
Hispanic <b>12.9%</b>				Hispanic <b>13.2%</b>			
White <b>74.7%</b>				White <b>76.0%</b>			
Other <b>4.6%</b>				Other <b>4.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>7.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>7.8%</b>	<b>14.5%</b>	<b>-6.7%</b>
Hispanic	<b>12.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>12.9%</b>	<b>15.2%</b>	<b>-2.3%</b>
White	<b>74.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>74.7%</b>	<b>65.1%</b>	<b>9.6%</b>
Other	<b>4.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>4.6%</b>	<b>5.2%</b>	<b>-0.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,716	<b>25.2%</b>	<b>25.8%</b>	NW	417	<b>23.9%</b>	<b>24.0%</b>	White	1,327	<b>76.1%</b>	<b>76.0%</b>
White	5,050	<b>74.8%</b>	<b>74.2%</b>	White	1,327	<b>76.1%</b>	<b>76.0%</b>	Chi-square, X-tab <sup>6</sup> :	.939	<i>not sig.</i>	
Chi-square, X-tab <sup>6</sup> : .622 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : .985 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : 1.053 <i>not sig.</i>			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>64.4%</b>	<b>28.5%</b>	<b>6.3%</b>	<b>0.7%</b>	NW	<b>2</b>	<b>N/A</b>
Hispanic	<b>57.3%</b>	<b>29.2%</b>	<b>12.2%</b>	<b>1.3%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>68.5%</b>	<b>27.5%</b>	<b>3.6%</b>	<b>0.4%</b>			
Other	<b>63.9%</b>	<b>34.9%</b>	<b>1.2%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* <i>sig.</i>							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>7,512</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,219)				ITP Stops <sup>3</sup> (N = 2,337)			
Mean age				Mean age			
<b>36.08</b>				<b>36.05</b>			
Gender %				Gender %			
Female <b>32.8%</b>				Female <b>31.7%</b>			
Male <b>67.2%</b>				Male <b>68.2%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.4%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>13.1%</b>				AA/Black <b>10.7%</b>			
Hispanic <b>21.4%</b>				Hispanic <b>22.2%</b>			
White <b>59.8%</b>				White <b>61.7%</b>			
Other <b>5.7%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>13.1%</b>	<b>14.5%</b>	<b>-1.4%</b>
Hispanic	<b>21.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>21.4%</b>	<b>15.2%</b>	<b>6.2%</b>
White	<b>59.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>59.8%</b>	<b>65.1%</b>	<b>-5.3%</b>
Other	<b>5.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.7%</b>	<b>5.2%</b>	<b>0.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,785	<b>34.2%</b>	<b>48.6%</b>	NW	808	<b>36.1%</b>	<b>43.0%</b>
White	4,108	<b>65.8%</b>	<b>51.4%</b>	White	1,285	<b>63.9%</b>	<b>57.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .002* sig.			
Odds ratio Exp(B) <sup>7</sup> : .548* sig.				Odds ratio Exp(B) <sup>7</sup> : .773* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.0%</b>	<b>28.2%</b>	<b>12.5%</b>	<b>2.3%</b>	NW	<b>16</b>	<b>N/A</b>
Hispanic	<b>51.1%</b>	<b>24.1%</b>	<b>21.0%</b>	<b>3.8%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>60.1%</b>	<b>32.4%</b>	<b>5.9%</b>	<b>1.6%</b>			
Other	<b>58.7%</b>	<b>36.1%</b>	<b>4.1%</b>	<b>1.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,521</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,469)				ITP Stops <sup>3</sup> (N = 1,376)			
Mean age				Mean age			
<b>36</b>				<b>35.27</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>36.4%</b>			
Male <b>63.1%</b>				Male <b>63.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.6%</b>				Race % Mis/Unk <sup>4</sup> <b>0.7%</b>			
AA/Black <b>12.0%</b>				AA/Black <b>9.9%</b>			
Hispanic <b>19.2%</b>				Hispanic <b>19.7%</b>			
White <b>65.1%</b>				White <b>66.9%</b>			
Other <b>3.7%</b>				Other <b>3.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.0%</b>	<b>14.5%</b>	<b>-2.5%</b>
Hispanic	<b>19.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>19.2%</b>	<b>15.2%</b>	<b>4.0%</b>
White	<b>65.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>65.1%</b>	<b>65.1%</b>	<b>0.0%</b>
Other	<b>3.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>3.7%</b>	<b>5.2%</b>	<b>-1.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,488	<b>29.9%</b>	<b>45.4%</b>	NW	406	<b>33.3%</b>	<b>33.1%</b>
White	2,764	<b>70.1%</b>	<b>54.6%</b>	White	816	<b>66.7%</b>	<b>66.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .935 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .523* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.461* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>70.9%</b>	<b>14.7%</b>	<b>13.3%</b>	<b>1.1%</b>	NW	<b>3</b>	<b>N/A</b>
Hispanic	<b>63.2%</b>	<b>17.1%</b>	<b>17.5%</b>	<b>2.2%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>84.6%</b>	<b>11.0%</b>	<b>4.0%</b>	<b>0.4%</b>			
Other	<b>79.8%</b>	<b>11.7%</b>	<b>7.4%</b>	<b>1.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>7,565</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,261)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 9.4%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .644* sig.				Odds ratio Exp(B) <sup>7</sup> : .733* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>10,226</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,961)				ITP Stops <sup>3</sup> (N = 2,952)			
Mean age				Mean age			
<b>36.12</b>				<b>36.45</b>			
Gender %				Gender %			
Female <b>29.7%</b>				Female <b>29.7%</b>			
Male <b>70.2%</b>				Male <b>70.2%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.7%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>14.4%</b>				AA/Black <b>13.6%</b>			
Hispanic <b>18.9%</b>				Hispanic <b>19.2%</b>			
White <b>59.8%</b>				White <b>61.8%</b>			
Other <b>6.9%</b>				Other <b>5.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>14.4%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>14.4%</b>	<b>14.5%</b>	<b>-0.1%</b>
Hispanic	<b>18.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.9%</b>	<b>15.2%</b>	<b>3.7%</b>
White	<b>59.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>59.8%</b>	<b>65.1%</b>	<b>-5.3%</b>
Other	<b>6.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.9%</b>	<b>5.2%</b>	<b>1.7%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,806	<b>33.7%</b>	<b>49.7%</b>	NW	981	<b>34.8%</b>	<b>42.1%</b>
White	5,674	<b>66.3%</b>	<b>50.3%</b>	White	1,624	<b>65.2%</b>	<b>57.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .514* sig.				Odds ratio Exp(B) <sup>7</sup> : .827 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.4%</b>	<b>24.2%</b>	<b>12.0%</b>	<b>5.3%</b>	NW	<b>69</b>	<b>69.0%</b>
Hispanic	<b>59.4%</b>	<b>22.4%</b>	<b>14.4%</b>	<b>3.8%</b>	White	<b>31</b>	<b>31.0%</b>
White	<b>69.8%</b>	<b>24.2%</b>	<b>4.2%</b>	<b>1.8%</b>			
Other	<b>61.8%</b>	<b>32.9%</b>	<b>4.1%</b>	<b>1.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>9,216</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 8,709)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .001* sig.			
Odds ratio Exp(B) <sup>7</sup> : .703* sig.				Odds ratio Exp(B) <sup>7</sup> : .769* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,437</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,395)				ITP Stops <sup>3</sup> (N = 1,366)			
Mean age				Mean age			
<b>36.59</b>				<b>36.98</b>			
Gender %				Gender %			
Female <b>36.1%</b>				Female <b>35.8%</b>			
Male <b>63.7%</b>				Male <b>64.1%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>8.5%</b>				AA/Black <b>7.9%</b>			
Hispanic <b>12.4%</b>				Hispanic <b>11.0%</b>			
White <b>76.1%</b>				White <b>77.3%</b>			
Other <b>2.9%</b>				Other <b>3.8%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>8.5%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>8.5%</b>	<b>14.5%</b>	<b>-6.0%</b>
Hispanic	<b>12.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>12.4%</b>	<b>15.2%</b>	<b>-2.8%</b>
White	<b>76.1%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>76.1%</b>	<b>65.1%</b>	<b>11.0%</b>
Other	<b>2.9%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.9%</b>	<b>5.2%</b>	<b>-2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	999	<b>22.6%</b>	<b>27.3%</b>	NW	277	<b>24.5%</b>	<b>21.6%</b>
White	3,141	<b>77.4%</b>	<b>72.7%</b>	White	906	<b>75.5%</b>	<b>78.4%</b>
Chi-square, X-tab <sup>6</sup> :		.001*	sig.	Chi-square, X-tab <sup>6</sup> :		.250	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.745*	sig.	Odds ratio Exp(B) <sup>7</sup> :		1.042	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>81.1%</b>	<b>7.5%</b>	<b>11.1%</b>	<b>0.3%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>73.5%</b>	<b>9.5%</b>	<b>15.0%</b>	<b>2.0%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>87.0%</b>	<b>7.3%</b>	<b>4.9%</b>	<b>0.8%</b>			
Other	<b>89.0%</b>	<b>8.7%</b>	<b>2.4%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>426</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 409)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.91</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>35.7%</b>				Female <b>N/A</b>			
Male <b>64.3%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>2.7%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>13.8%</b>				AA/Black <b>N/A</b>			
Hispanic <b>28.9%</b>				Hispanic <b>N/A</b>			
White <b>49.7%</b>				White <b>N/A</b>			
Other <b>7.5%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>13.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>13.8%</b>	<b>14.5%</b>	<b>-0.7%</b>
Hispanic	<b>28.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>28.9%</b>	<b>15.2%</b>	<b>13.7%</b>
White	<b>49.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>49.7%</b>	<b>65.1%</b>	<b>-15.4%</b>
Other	<b>7.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.5%</b>	<b>5.2%</b>	<b>2.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	195	<b>47.6%</b>	<b>65.2%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	189	<b>52.4%</b>	<b>34.8%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> :		.008*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.382*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest	Search?		
AA/Black	<b>93.1%</b>	<b>1.7%</b>	<b>5.2%</b>	<b>0.0%</b>	NW	<b>0</b>	
Hispanic	<b>87.3%</b>	<b>5.9%</b>	<b>6.8%</b>	<b>0.0%</b>	White	<b>0</b>	
White	<b>89.4%</b>	<b>7.2%</b>	<b>3.4%</b>	<b>0.0%</b>			
Other	<b>80.6%</b>	<b>19.4%</b>	<b>0.0%</b>	<b>0.0%</b>	Counts	Percent	
Chi-square, X-tab <sup>6</sup> :		.040*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>10,625</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

<b>All Stops<sup>2</sup> (N = 10,134)</b>				<b>ITP Stops<sup>3</sup> (N = 2,769)</b>			
Mean age				Mean age			
<b>35.06</b>				<b>35.5</b>			
Gender %				Gender %			
Female <b>28.4%</b>				Female <b>28.5%</b>			
Male <b>71.5%</b>				Male <b>71.4%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>1.8%</b>			
AA/Black <b>18.3%</b>				AA/Black <b>16.7%</b>			
Hispanic <b>21.3%</b>				Hispanic <b>21.8%</b>			
White <b>51.6%</b>				White <b>53.1%</b>			
Other <b>8.7%</b>				Other <b>8.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>18.3%</b>	<b>14.5%</b>	<b>3.8%</b>
Hispanic	<b>21.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>21.3%</b>	<b>15.2%</b>	<b>6.1%</b>
White	<b>51.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>51.6%</b>	<b>65.1%</b>	<b>-13.5%</b>
Other	<b>8.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>8.7%</b>	<b>5.2%</b>	<b>3.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

<b>All Stops<sup>2</sup></b>				<b>ITP Stops<sup>3</sup></b>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,632	<b>47.4%</b>	<b>50.6%</b>	NW	1,131	<b>49.0%</b>	<b>44.9%</b>
White	4,900	<b>52.6%</b>	<b>49.4%</b>	White	1,251	<b>51.0%</b>	<b>55.1%</b>
Chi-square, X-tab <sup>6</sup> : .002* sig.				Chi-square, X-tab <sup>6</sup> : .052 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .892* sig.				Odds ratio Exp(B) <sup>7</sup> : 1.185 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>66.0%</b>	<b>21.5%</b>	<b>9.8%</b>	<b>2.7%</b>	NW	<b>36</b>	<b>N/A</b>
Hispanic	<b>58.3%</b>	<b>19.5%</b>	<b>18.3%</b>	<b>3.8%</b>	White	<b>21</b>	<b>N/A</b>
White	<b>70.7%</b>	<b>21.9%</b>	<b>5.5%</b>	<b>1.9%</b>			
Other	<b>64.2%</b>	<b>31.5%</b>	<b>3.6%</b>	<b>0.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>14,401</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 14,226)				ITP Stops <sup>3</sup> (N = 3,163)			
Mean age				Mean age			
<b>35.95</b>				<b>34.95</b>			
Gender %				Gender %			
Female		<b>35.8%</b>		Female		<b>30.9%</b>	
Male		<b>64.2%</b>		Male		<b>69.0%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
AA/Black		<b>19.3%</b>		AA/Black		<b>20.2%</b>	
Hispanic		<b>15.0%</b>		Hispanic		<b>17.0%</b>	
White		<b>62.9%</b>		White		<b>60.3%</b>	
Other		<b>2.8%</b>		Other		<b>2.5%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>19.3%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>19.3%</b>	<b>14.5%</b>	<b>4.8%</b>
Hispanic	<b>15.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>15.0%</b>	<b>15.2%</b>	<b>-0.2%</b>
White	<b>62.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>62.9%</b>	<b>65.1%</b>	<b>-2.2%</b>
Other	<b>2.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.8%</b>	<b>5.2%</b>	<b>-2.4%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	5,102	<b>36.2%</b>	<b>42.5%</b>	NW	1,145	<b>39.0%</b>	<b>43.3%</b>
White	8,645	<b>63.8%</b>	<b>57.5%</b>	White	1,704	<b>61.0%</b>	<b>56.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.034*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.790*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.912	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>38.7%</b>	<b>50.6%</b>	<b>7.8%</b>	<b>2.9%</b>	NW	<b>105</b>	<b>36.2%</b>
Hispanic	<b>30.4%</b>	<b>57.4%</b>	<b>8.3%</b>	<b>3.9%</b>	White	<b>185</b>	<b>63.8%</b>
White	<b>46.0%</b>	<b>49.9%</b>	<b>2.8%</b>	<b>1.3%</b>			
Other	<b>35.2%</b>	<b>61.6%</b>	<b>3.3%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>8,141</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,772)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.2%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .868 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .631* sig.				Odds ratio Exp(B) <sup>7</sup> : .870 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>4,841</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,739)				ITP Stops <sup>3</sup> (N = 1,376)			
Mean age				Mean age			
<b>38.12</b>				<b>38.59</b>			
Gender %				Gender %			
Female <b>33.3%</b>				Female <b>30.9%</b>			
Male <b>66.5%</b>				Male <b>69.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>8.8%</b>				Race % Mis/Unk <sup>4</sup> <b>8.7%</b>			
AA/Black <b>12.1%</b>				AA/Black <b>11.5%</b>			
Hispanic <b>8.4%</b>				Hispanic <b>9.6%</b>			
White <b>77.2%</b>				White <b>77.2%</b>			
Other <b>2.3%</b>				Other <b>1.6%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>12.1%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>12.1%</b>	<b>14.5%</b>	<b>-2.4%</b>
Hispanic	<b>8.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>8.4%</b>	<b>15.2%</b>	<b>-6.8%</b>
White	<b>77.2%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>77.2%</b>	<b>65.1%</b>	<b>12.1%</b>
Other	<b>2.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.3%</b>	<b>5.2%</b>	<b>-2.9%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	929	<b>21.1%</b>	<b>24.6%</b>	NW	228	<b>20.7%</b>	<b>22.9%</b>
White	3,184	<b>78.9%</b>	<b>75.4%</b>	White	825	<b>79.3%</b>	<b>77.1%</b>
Chi-square, X-tab <sup>6</sup> :		.006*	sig.	Chi-square, X-tab <sup>6</sup> :		.408	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.824*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.902	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>76.7%</b>	<b>12.5%</b>	<b>9.5%</b>	<b>1.3%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>61.8%</b>	<b>15.2%</b>	<b>19.8%</b>	<b>3.2%</b>	White	<b>6</b>	<b>N/A</b>
White	<b>78.9%</b>	<b>14.1%</b>	<b>5.6%</b>	<b>1.4%</b>			
Other	<b>75.5%</b>	<b>20.6%</b>	<b>3.9%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>11,403</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 10,570)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.1%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .017* sig.			
Odds ratio Exp(B) <sup>7</sup> : .705* sig.				Odds ratio Exp(B) <sup>7</sup> : .832 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>10,333</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,666)				ITP Stops <sup>3</sup> (N = 2,739)			
Mean age				Mean age			
<b>35.69</b>				<b>36.22</b>			
Gender %				Gender %			
Female <b>30.9%</b>				Female <b>30.0%</b>			
Male <b>69.0%</b>				Male <b>69.9%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.2%</b>			
AA/Black <b>27.8%</b>				AA/Black <b>23.9%</b>			
Hispanic <b>14.9%</b>				Hispanic <b>15.4%</b>			
White <b>54.6%</b>				White <b>58.0%</b>			
Other <b>2.7%</b>				Other <b>2.7%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>27.8%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>27.8%</b>	<b>14.5%</b>	<b>13.3%</b>
Hispanic	<b>14.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>14.9%</b>	<b>15.2%</b>	<b>-0.3%</b>
White	<b>54.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>54.6%</b>	<b>65.1%</b>	<b>-10.5%</b>
Other	<b>2.7%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.7%</b>	<b>5.2%</b>	<b>-2.5%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,203	<b>42.3%</b>	<b>50.9%</b>	NW	995	<b>40.2%</b>	<b>44.0%</b>
White	5,047	<b>57.7%</b>	<b>49.1%</b>	White	1,396	<b>59.8%</b>	<b>56.0%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .069 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .727* sig.				Odds ratio Exp(B) <sup>7</sup> : .931 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.7%</b>	<b>24.7%</b>	<b>13.3%</b>	<b>3.3%</b>	NW	<b>161</b>	<b>59.9%</b>
Hispanic	<b>50.9%</b>	<b>26.1%</b>	<b>18.9%</b>	<b>4.1%</b>	White	<b>108</b>	<b>40.1%</b>
White	<b>64.3%</b>	<b>26.1%</b>	<b>7.5%</b>	<b>2.1%</b>			
Other	<b>57.8%</b>	<b>35.7%</b>	<b>4.3%</b>	<b>2.2%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>362</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 352)				ITP Stops <sup>3</sup> (N = 118)			
Mean age				Mean age			
<b>36.65</b>				<b>37.32</b>			
Gender %				Gender %			
Female <b>27.6%</b>				Female <b>22.4%</b>			
Male <b>72.4%</b>				Male <b>77.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>3.7%</b>				Race % Mis/Unk <sup>4</sup> <b>3.4%</b>			
AA/Black <b>15.0%</b>				AA/Black <b>16.7%</b>			
Hispanic <b>10.3%</b>				Hispanic <b>7.0%</b>			
White <b>74.0%</b>				White <b>76.3%</b>			
Other <b>0.6%</b>				Other <b>0.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>15.0%</b>	<b>14.5%</b>	<b>0.5%</b>
Hispanic	<b>10.3%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>10.3%</b>	<b>15.2%</b>	<b>-4.9%</b>
White	<b>74.0%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>74.0%</b>	<b>65.1%</b>	<b>8.9%</b>
Other	<b>0.6%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>0.6%</b>	<b>5.2%</b>	<b>-4.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	85	<b>22.3%</b>	<b>32.5%</b>	NW	23	<b>22.1%</b>	<b>26.1%</b>
White	241	<b>77.7%</b>	<b>67.5%</b>	White	77	<b>77.9%</b>	<b>73.9%</b>
Chi-square, X-tab <sup>6</sup> :		.045*	sig.	Chi-square, X-tab <sup>6</sup> :		.688	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.622	not sig.	Odds ratio Exp(B) <sup>7</sup> :		1.260	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>58.5%</b>	<b>34.0%</b>	<b>5.7%</b>	<b>1.9%</b>	NW	<b>0</b>	<b>N/A</b>
Hispanic	<b>33.3%</b>	<b>47.2%</b>	<b>11.1%</b>	<b>8.3%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>62.3%</b>	<b>30.7%</b>	<b>5.1%</b>	<b>1.9%</b>			
Other	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.075	not sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>950</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 938)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 6.4%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.519	not sig.	Chi-square, X-tab <sup>6</sup> :		.010*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.744	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.275*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> :		.000* sig.					

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>10,031</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 9,740)				ITP Stops <sup>3</sup> (N = 2,935)			
Mean age				Mean age			
<b>38.92</b>				<b>38.44</b>			
Gender %				Gender %			
Female <b>36.7%</b>				Female <b>32.4%</b>			
Male <b>63.3%</b>				Male <b>67.6%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.2%</b>				Race % Mis/Unk <sup>4</sup> <b>1.4%</b>			
AA/Black <b>10.7%</b>				AA/Black <b>10.3%</b>			
Hispanic <b>8.7%</b>				Hispanic <b>11.3%</b>			
White <b>78.5%</b>				White <b>76.5%</b>			
Other <b>2.1%</b>				Other <b>1.9%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>10.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>10.7%</b>	<b>14.5%</b>	<b>-3.8%</b>
Hispanic	<b>8.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>8.7%</b>	<b>15.2%</b>	<b>-6.5%</b>
White	<b>78.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>78.5%</b>	<b>65.1%</b>	<b>13.4%</b>
Other	<b>2.1%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>2.1%</b>	<b>5.2%</b>	<b>-3.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	1,983	<b>19.3%</b>	<b>26.9%</b>	NW	594	<b>22.7%</b>	<b>24.6%</b>
White	7,294	<b>80.7%</b>	<b>73.1%</b>	White	1,958	<b>77.3%</b>	<b>75.4%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .302 not sig.			
Odds ratio Exp(B) <sup>7</sup> : .666* sig.				Odds ratio Exp(B) <sup>7</sup> : .839 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.5%</b>	<b>31.2%</b>	<b>9.7%</b>	<b>1.6%</b>	NW	<b>9</b>	<b>N/A</b>
Hispanic	<b>48.2%</b>	<b>31.9%</b>	<b>15.4%</b>	<b>4.4%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>65.6%</b>	<b>29.4%</b>	<b>4.0%</b>	<b>1.0%</b>			
Other	<b>54.8%</b>	<b>41.3%</b>	<b>3.8%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>868</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 819)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 2.8%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.176	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.471*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.932	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>543</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 537)				ITP Stops <sup>3</sup> (N = 223)			
Mean age				Mean age			
<b>34.97</b>				<b>35.95</b>			
Gender %				Gender %			
Female <b>27.2%</b>				Female <b>28.5%</b>			
Male <b>72.6%</b>				Male <b>71.0%</b>			
Non-binary <b>0.2%</b>				Non-binary <b>0.5%</b>			
Race % Mis/Unk <sup>4</sup> <b>1.3%</b>				Race % Mis/Unk <sup>4</sup> <b>0.9%</b>			
AA/Black <b>34.0%</b>				AA/Black <b>35.7%</b>			
Hispanic <b>16.4%</b>				Hispanic <b>15.4%</b>			
White <b>43.4%</b>				White <b>44.3%</b>			
Other <b>6.2%</b>				Other <b>4.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif
AA/Black	<b>34.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>34.0%</b>	<b>14.5%</b> <b>19.5%</b>
Hispanic	<b>16.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.4%</b>	<b>15.2%</b> <b>1.2%</b>
White	<b>43.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>43.4%</b>	<b>65.1%</b> <b>-21.7%</b>
Other	<b>6.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.2%</b>	<b>5.2%</b> <b>1.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	292	<b>50.9%</b>	<b>68.6%</b>	NW	116	<b>51.0%</b>	<b>71.7%</b>
White	215	<b>49.1%</b>	<b>31.4%</b>	White	87	<b>49.0%</b>	<b>28.3%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.007*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.462*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.580	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>55.7%</b>	<b>28.4%</b>	<b>10.4%</b>	<b>5.5%</b>	NW	<b>16</b>	<b>N/A</b>
Hispanic	<b>54.4%</b>	<b>33.3%</b>	<b>8.9%</b>	<b>3.3%</b>	White	<b>2</b>	<b>N/A</b>
White	<b>56.1%</b>	<b>39.6%</b>	<b>3.0%</b>	<b>1.3%</b>			
Other	<b>51.5%</b>	<b>48.5%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.004*		sig.			

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>184</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 176)				ITP Stops <sup>3</sup> (N = N/A)			
Mean age				Mean age			
<b>37.69</b>				<b>N/A</b>			
Gender %				Gender %			
Female <b>31.6%</b>				Female <b>N/A</b>			
Male <b>68.4%</b>				Male <b>N/A</b>			
Non-binary <b>0.0%</b>				Non-binary <b>N/A</b>			
Race % Mis/Unk <sup>4</sup> <b>0.6%</b>				Race % Mis/Unk <sup>4</sup> <b>N/A</b>			
AA/Black <b>17.7%</b>				AA/Black <b>N/A</b>			
Hispanic <b>15.4%</b>				Hispanic <b>N/A</b>			
White <b>60.6%</b>				White <b>N/A</b>			
Other <b>6.3%</b>				Other <b>N/A</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>17.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>17.7%</b>	<b>14.5%</b>	<b>3.2%</b>
Hispanic	<b>15.4%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>15.4%</b>	<b>15.2%</b>	<b>0.2%</b>
White	<b>60.6%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>60.6%</b>	<b>65.1%</b>	<b>-4.5%</b>
Other	<b>6.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>6.3%</b>	<b>5.2%</b>	<b>1.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	69	<b>38.2%</b>	<b>51.9%</b>	NW	N/A	<b>N/A</b>	<b>N/A</b>
White	102	<b>61.8%</b>	<b>48.1%</b>	White	N/A	<b>N/A</b>	<b>N/A</b>
Chi-square, X-tab <sup>6</sup> : .184 <i>not sig.</i>				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .687 <i>not sig.</i>				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>41.9%</b>	<b>51.6%</b>	<b>6.5%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>48.3%</b>	<b>34.5%</b>	<b>3.4%</b>	<b>13.8%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>52.7%</b>	<b>42.0%</b>	<b>5.4%</b>	<b>0.0%</b>			
Other	<b>27.3%</b>	<b>72.7%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .001* <i>sig.</i>							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>5,490</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 5,057)				ITP Stops <sup>3</sup> (N = 1,263)			
Mean age				Mean age			
<b>36.37</b>				<b>37.04</b>			
Gender %				Gender %			
Female <b>29.6%</b>				Female <b>29.9%</b>			
Male <b>70.3%</b>				Male <b>70.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.5%</b>				Race % Mis/Unk <sup>4</sup> <b>2.8%</b>			
AA/Black <b>24.0%</b>				AA/Black <b>20.0%</b>			
Hispanic <b>16.0%</b>				Hispanic <b>17.8%</b>			
White <b>51.9%</b>				White <b>53.8%</b>			
Other <b>8.0%</b>				Other <b>8.4%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>24.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>24.0%</b>	<b>14.5%</b>	<b>9.5%</b>
Hispanic	<b>16.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.0%</b>	<b>15.2%</b>	<b>0.8%</b>
White	<b>51.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>51.9%</b>	<b>65.1%</b>	<b>-13.2%</b>
Other	<b>8.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>8.0%</b>	<b>5.2%</b>	<b>2.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,296	<b>42.8%</b>	<b>56.8%</b>	NW	500	<b>44.9%</b>	<b>48.5%</b>
White	2,474	<b>57.2%</b>	<b>43.2%</b>	White	582	<b>55.1%</b>	<b>51.5%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.254	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.568*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.774	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>69.0%</b>	<b>20.1%</b>	<b>9.0%</b>	<b>1.9%</b>	NW	<b>13</b>	<b>N/A</b>
Hispanic	<b>57.9%</b>	<b>16.1%</b>	<b>23.6%</b>	<b>2.4%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>74.2%</b>	<b>20.9%</b>	<b>4.1%</b>	<b>0.8%</b>			
Other	<b>70.8%</b>	<b>24.0%</b>	<b>4.7%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>5,301</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 4,754)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.5%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .007* sig.			
Odds ratio Exp(B) <sup>7</sup> : .565* sig.				Odds ratio Exp(B) <sup>7</sup> : .734 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>7,445</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,870)				ITP Stops <sup>3</sup> (N = 1,711)			
Mean age				Mean age			
<b>36.91</b>				<b>37.65</b>			
Gender %				Gender %			
Female <b>27.5%</b>				Female <b>27.8%</b>			
Male <b>72.4%</b>				Male <b>72.1%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>4.8%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black <b>21.2%</b>				AA/Black <b>19.3%</b>			
Hispanic <b>17.2%</b>				Hispanic <b>18.7%</b>			
White <b>48.9%</b>				White <b>48.5%</b>			
Other <b>12.8%</b>				Other <b>13.5%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>21.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>21.2%</b>	<b>14.5%</b>	<b>6.7%</b>
Hispanic	<b>17.2%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>17.2%</b>	<b>15.2%</b>	<b>2.0%</b>
White	<b>48.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>48.9%</b>	<b>65.1%</b>	<b>-16.2%</b>
Other	<b>12.8%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>12.8%</b>	<b>5.2%</b>	<b>7.6%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	3,232	<b>46.3%</b>	<b>60.7%</b>	NW	756	<b>46.7%</b>	<b>58.5%</b>
White	3,125	<b>53.7%</b>	<b>39.3%</b>	White	742	<b>53.3%</b>	<b>41.5%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .580* sig.				Odds ratio Exp(B) <sup>7</sup> : .682* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>62.6%</b>	<b>20.0%</b>	<b>14.9%</b>	<b>2.4%</b>	NW	<b>22</b>	<b>N/A</b>
Hispanic	<b>61.1%</b>	<b>17.3%</b>	<b>18.5%</b>	<b>3.1%</b>	White	<b>7</b>	<b>N/A</b>
White	<b>72.9%</b>	<b>20.8%</b>	<b>5.3%</b>	<b>1.0%</b>			
Other	<b>78.5%</b>	<b>15.6%</b>	<b>4.8%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>752</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 695)				ITP Stops <sup>3</sup> (N = 352)			
Mean age				Mean age			
<b>39.08</b>				<b>38.13</b>			
Gender %				Gender %			
Female <b>33.1%</b>				Female <b>31.6%</b>			
Male <b>66.9%</b>				Male <b>68.4%</b>			
Non-binary <b>0.0%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.4%</b>				Race % Mis/Unk <sup>4</sup> <b>2.0%</b>			
AA/Black <b>18.7%</b>				AA/Black <b>16.5%</b>			
Hispanic <b>16.7%</b>				Hispanic <b>14.5%</b>			
White <b>50.4%</b>				White <b>50.7%</b>			
Other <b>14.2%</b>				Other <b>18.3%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>18.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>18.7%</b>	<b>14.5%</b>	<b>4.2%</b>
Hispanic	<b>16.7%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>16.7%</b>	<b>15.2%</b>	<b>1.5%</b>
White	<b>50.4%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>50.4%</b>	<b>65.1%</b>	<b>-14.7%</b>
Other	<b>14.2%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>14.2%</b>	<b>5.2%</b>	<b>9.0%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	315	<b>48.7%</b>	<b>51.8%</b>	NW	155	<b>48.9%</b>	<b>48.9%</b>
White	326	<b>51.3%</b>	<b>48.2%</b>	White	162	<b>51.1%</b>	<b>51.1%</b>
Chi-square, X-tab <sup>6</sup> :		.603	<i>not sig.</i>	Chi-square, X-tab <sup>6</sup> :		.999	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.818	<i>not sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.824	<i>not sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>2.1%</b>	<b>95.2%</b>	<b>2.7%</b>	<b>0.0%</b>	NW	<b>1</b>	<b>N/A</b>
Hispanic	<b>2.5%</b>	<b>90.7%</b>	<b>5.9%</b>	<b>0.8%</b>	White	<b>1</b>	<b>N/A</b>
White	<b>5.2%</b>	<b>92.4%</b>	<b>2.5%</b>	<b>0.0%</b>			
Other	<b>4.9%</b>	<b>95.1%</b>	<b>0.0%</b>	<b>0.0%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.063	<i>not sig.</i>				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>7,783</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 7,443)				ITP Stops <sup>3</sup> (N = 1,728)			
Mean age				Mean age			
<b>34.57</b>				<b>34.81</b>			
Gender %				Gender %			
Female <b>27.0%</b>				Female <b>28.1%</b>			
Male <b>72.9%</b>				Male <b>71.9%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.0%</b>			
Race % Mis/Unk <sup>4</sup> <b>0.8%</b>				Race % Mis/Unk <sup>4</sup> <b>1.3%</b>			
AA/Black <b>38.0%</b>				AA/Black <b>37.0%</b>			
Hispanic <b>22.1%</b>				Hispanic <b>21.9%</b>			
White <b>32.5%</b>				White <b>33.2%</b>			
Other <b>7.4%</b>				Other <b>8.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>38.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>38.0%</b>	<b>14.5%</b>	<b>23.5%</b>
Hispanic	<b>22.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>22.1%</b>	<b>15.2%</b>	<b>6.9%</b>
White	<b>32.5%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>32.5%</b>	<b>65.1%</b>	<b>-32.6%</b>
Other	<b>7.4%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>7.4%</b>	<b>5.2%</b>	<b>2.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	4,884	<b>61.0%</b>	<b>73.8%</b>	NW	1,038	<b>64.3%</b>	<b>69.1%</b>
White	2,355	<b>39.0%</b>	<b>26.2%</b>	White	525	<b>35.7%</b>	<b>30.9%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .047* sig.			
Odds ratio Exp(B) <sup>7</sup> : .563* sig.				Odds ratio Exp(B) <sup>7</sup> : .732* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>78.0%</b>	<b>10.2%</b>	<b>10.2%</b>	<b>1.6%</b>	NW	<b>72</b>	<b>N/A</b>
Hispanic	<b>75.0%</b>	<b>9.9%</b>	<b>13.6%</b>	<b>1.5%</b>	White	<b>19</b>	<b>N/A</b>
White	<b>78.7%</b>	<b>12.9%</b>	<b>6.3%</b>	<b>2.0%</b>			
Other	<b>78.4%</b>	<b>15.7%</b>	<b>5.4%</b>	<b>0.5%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>9,553</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 8,743)				ITP Stops <sup>3</sup> (N = 2,252)			
Mean age				Mean age			
<b>35.86</b>				<b>37.29</b>			
Gender %				Gender %			
Female		<b>30.5%</b>		Female		<b>32.5%</b>	
Male		<b>69.4%</b>		Male		<b>67.4%</b>	
Non-binary		<b>0.0%</b>		Non-binary		<b>0.0%</b>	
Race %		Mis/Unk <sup>4</sup>		Race %		Mis/Unk <sup>4</sup>	
AA/Black		<b>42.0%</b>		AA/Black		<b>38.0%</b>	
Hispanic		<b>18.1%</b>		Hispanic		<b>16.9%</b>	
White		<b>34.9%</b>		White		<b>39.3%</b>	
Other		<b>5.0%</b>		Other		<b>5.8%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>42.0%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>42.0%</b>	<b>14.5%</b>	<b>27.5%</b>
Hispanic	<b>18.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.1%</b>	<b>15.2%</b>	<b>2.9%</b>
White	<b>34.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>34.9%</b>	<b>65.1%</b>	<b>-30.2%</b>
Other	<b>5.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.0%</b>	<b>5.2%</b>	<b>-0.2%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

### VoD Analyses

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	5,445	<b>61.2%</b>	<b>70.4%</b>	NW	1,189	<b>58.8%</b>	<b>61.7%</b>
White	2,932	<b>38.8%</b>	<b>29.6%</b>	White	794	<b>41.2%</b>	<b>38.3%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>	Chi-square, X-tab <sup>6</sup> :		.187	<i>not sig.</i>
Odds ratio Exp(B) <sup>7</sup> :		.661*	<i>sig.</i>	Odds ratio Exp(B) <sup>7</sup> :		.775*	<i>sig.</i>

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>73.4%</b>	<b>16.3%</b>	<b>8.3%</b>	<b>2.0%</b>	NW	<b>195</b>	<b>77.1%</b>
Hispanic	<b>68.1%</b>	<b>18.6%</b>	<b>10.9%</b>	<b>2.4%</b>	White	<b>58</b>	<b>22.9%</b>
White	<b>73.2%</b>	<b>21.2%</b>	<b>4.2%</b>	<b>1.3%</b>			
Other	<b>72.4%</b>	<b>22.9%</b>	<b>3.0%</b>	<b>1.7%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	<i>sig.</i>				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>6,934</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 6,567)				ITP Stops <sup>3</sup> (N = 1,692)			
Mean age				Mean age			
<b>35.93</b>				<b>36.67</b>			
Gender %				Gender %			
Female <b>31.0%</b>				Female <b>32.4%</b>			
Male <b>69.0%</b>				Male <b>67.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.0%</b>				Race % Mis/Unk <sup>4</sup> <b>1.9%</b>			
AA/Black <b>15.7%</b>				AA/Black <b>10.4%</b>			
Hispanic <b>18.1%</b>				Hispanic <b>17.7%</b>			
White <b>53.9%</b>				White <b>61.8%</b>			
Other <b>12.3%</b>				Other <b>10.0%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>15.7%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>15.7%</b>	<b>14.5%</b>	<b>1.2%</b>
Hispanic	<b>18.1%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.1%</b>	<b>15.2%</b>	<b>2.9%</b>
White	<b>53.9%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>53.9%</b>	<b>65.1%</b>	<b>-11.2%</b>
Other	<b>12.3%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>12.3%</b>	<b>5.2%</b>	<b>7.1%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	2,896	<b>43.6%</b>	<b>50.0%</b>	NW	524	<b>37.8%</b>	<b>38.3%</b>
White	3,379	<b>56.4%</b>	<b>50.0%</b>	White	857	<b>62.2%</b>	<b>61.7%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.860	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.772*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.862	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>65.7%</b>	<b>22.4%</b>	<b>10.4%</b>	<b>1.5%</b>	NW	<b>8</b>	<b>N/A</b>
Hispanic	<b>63.1%</b>	<b>20.2%</b>	<b>14.8%</b>	<b>1.9%</b>	White	<b>5</b>	<b>N/A</b>
White	<b>75.3%</b>	<b>21.1%</b>	<b>3.0%</b>	<b>0.6%</b>			
Other	<b>71.5%</b>	<b>25.0%</b>	<b>2.9%</b>	<b>0.6%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>12,418</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 11,609)				ITP Stops <sup>3</sup> (N = 2,653)			
Mean age				Mean age			
<b>36.59</b>				<b>37.16</b>			
Gender %				Gender %			
Female <b>26.5%</b>				Female <b>25.4%</b>			
Male <b>73.5%</b>				Male <b>74.5%</b>			
Non-binary <b>0.1%</b>				Non-binary <b>0.1%</b>			
Race % Mis/Unk <sup>4</sup> <b>2.8%</b>				Race % Mis/Unk <sup>4</sup> <b>2.5%</b>			
AA/Black <b>26.2%</b>				AA/Black <b>22.5%</b>			
Hispanic <b>24.0%</b>				Hispanic <b>23.7%</b>			
White <b>39.8%</b>				White <b>43.7%</b>			
Other <b>10.0%</b>				Other <b>10.1%</b>			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>26.2%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>26.2%</b>	<b>14.5%</b>	<b>11.7%</b>
Hispanic	<b>24.0%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>24.0%</b>	<b>15.2%</b>	<b>8.8%</b>
White	<b>39.8%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>39.8%</b>	<b>65.1%</b>	<b>-25.3%</b>
Other	<b>10.0%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>10.0%</b>	<b>5.2%</b>	<b>4.8%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	6,636	<b>52.3%</b>	<b>72.2%</b>	NW	1,298	<b>52.9%</b>	<b>63.9%</b>
White	4,359	<b>47.7%</b>	<b>27.8%</b>	White	998	<b>47.1%</b>	<b>36.1%</b>
Chi-square, X-tab <sup>6</sup> : .000* sig.				Chi-square, X-tab <sup>6</sup> : .000* sig.			
Odds ratio Exp(B) <sup>7</sup> : .439* sig.				Odds ratio Exp(B) <sup>7</sup> : .636* sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>57.9%</b>	<b>29.9%</b>	<b>10.4%</b>	<b>1.8%</b>	NW	<b>16</b>	<b>N/A</b>
Hispanic	<b>46.8%</b>	<b>35.1%</b>	<b>16.1%</b>	<b>2.0%</b>	White	<b>0</b>	<b>N/A</b>
White	<b>49.2%</b>	<b>44.6%</b>	<b>4.4%</b>	<b>1.8%</b>			
Other	<b>53.4%</b>	<b>41.6%</b>	<b>4.1%</b>	<b>0.9%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
All MASSACHUSETTS STATE POLICE**

Total Citations <sup>1</sup> : <b>284,258</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 270,275)				ITP Stops <sup>3</sup> (N = 79,468)			
Mean age				Mean age			
<b>36.31</b>				<b>36.5</b>			
Gender %				Gender %			
Female		<b>32.3%</b>		Female		<b>31.4%</b>	
Male		<b>67.6%</b>		Male		<b>68.5%</b>	
Non-binary		<b>0.1%</b>		Non-binary		<b>0.1%</b>	
Race % Mis/Unk <sup>4</sup> <b>3.2%</b>				Race % Mis/Unk <sup>4</sup> <b>3.0%</b>			
AA/Black		<b>16.9%</b>		AA/Black		<b>14.7%</b>	
Hispanic		<b>18.9%</b>		Hispanic		<b>19.2%</b>	
White		<b>58.7%</b>		White		<b>60.9%</b>	
Other		<b>5.5%</b>		Other		<b>5.2%</b>	

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
Motorist Race	City Dem	% Dif		Motorist Race	State Avg	% Dif	
AA/Black	<b>16.9%</b>	<b>N/A</b>	<b>N/A</b>	AA/Black	<b>16.9%</b>	<b>14.5%</b>	<b>2.4%</b>
Hispanic	<b>18.9%</b>	<b>N/A</b>	<b>N/A</b>	Hispanic	<b>18.9%</b>	<b>15.2%</b>	<b>3.7%</b>
White	<b>58.7%</b>	<b>N/A</b>	<b>N/A</b>	White	<b>58.7%</b>	<b>65.1%</b>	<b>-6.4%</b>
Other	<b>5.5%</b>	<b>N/A</b>	<b>N/A</b>	Other	<b>5.5%</b>	<b>5.2%</b>	<b>0.3%</b>

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses							
All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	104,822	<b>37.2%</b>	<b>48.9%</b>	NW	26,967	<b>37.8%</b>	<b>41.5%</b>
White	148,324	<b>62.8%</b>	<b>51.1%</b>	White	42,056	<b>62.2%</b>	<b>58.5%</b>
Chi-square, X-tab <sup>6</sup> :		.000*	sig.	Chi-square, X-tab <sup>6</sup> :		.000*	sig.
Odds ratio Exp(B) <sup>7</sup> :		.620*	sig.	Odds ratio Exp(B) <sup>7</sup> :		.851*	sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	Warning	Civil	Criminal	Arrest		Search?	
AA/Black	<b>61.6%</b>	<b>25.2%</b>	<b>10.9%</b>	<b>2.3%</b>	NW	<b>1059</b>	<b>56.4%</b>
Hispanic	<b>55.0%</b>	<b>26.0%</b>	<b>16.1%</b>	<b>2.9%</b>	White	<b>818</b>	<b>43.6%</b>
White	<b>66.1%</b>	<b>27.5%</b>	<b>5.0%</b>	<b>1.5%</b>			
Other	<b>64.0%</b>	<b>30.7%</b>	<b>4.2%</b>	<b>1.1%</b>		Counts	Percent
Chi-square, X-tab <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>132</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 128)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 0.8%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.002*	sig.	Chi-square, X-tab <sup>6</sup> :		N/A	N/A
Odds ratio Exp(B) <sup>7</sup> :		.241*	sig.	Odds ratio Exp(B) <sup>7</sup> :		N/A	N/A

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> :		.021*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MASSACHUSETTS ENVIRONMENTAL POLICE DEPARTMENT**

Total Citations <sup>1</sup> : <b>645</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 603)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 4.0%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

**VoD Analyses**

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> :		.287	not sig.	Chi-square, X-tab <sup>6</sup> :		.143	not sig.
Odds ratio Exp(B) <sup>7</sup> :		.761	not sig.	Odds ratio Exp(B) <sup>7</sup> :		.374	not sig.

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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<sup>8</sup>**

	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 <sup>6</sup> :		.000*	sig.				

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

**2022 MASSACHUSETTS UNIFORM CITATION DATA ANALYSIS REPORT  
MBTA POLICE**

Total Citations <sup>1</sup> : <b>305</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 261)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 6.9%				Race % Mis/Unk <sup>4</sup> 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			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>		
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
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 <sup>6</sup> : .772 not sig.				Chi-square, X-tab <sup>6</sup> : N/A N/A			
Odds ratio Exp(B) <sup>7</sup> : .972 not sig.				Odds ratio Exp(B) <sup>7</sup> : N/A N/A			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes 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 <sup>1</sup> : <b>1,267</b>	ZIP Code Match Analysis		Stop Rate by City/Town Population	
	Intown motorist:	<b>N/A</b>	Citations per 1000	
	Passing through:	<b>N/A</b>	18 + residents:	<b>N/A</b>

<sup>1</sup>Total citations issued by department, including multiple-citation encounters and crashes

All Stops <sup>2</sup> (N = 1,231)				ITP Stops <sup>3</sup> (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 <sup>4</sup> 1.9%				Race % Mis/Unk <sup>4</sup> 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%			

<sup>2</sup>Total unique stop incidents by department, excluding multiple-citation encounters and crashes

<sup>3</sup>Only those unique stops occurring between 4:35am and 7:16am (dawn) or 4:14pm and 9:02pm (dusk)

<sup>4</sup>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 <sup>5</sup>			
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%

<sup>5</sup>State average represents racial/ethnic breakdown of all 2022 stops by all MA departments

VoD Analyses				All Stops <sup>2</sup>				ITP Stops <sup>3</sup>			
Race	N	Daylight	Darkness	Race	N	Daylight	Darkness	Race	N	Daylight	Darkness
NW	349	27.6%	36.9%	NW	125	29.2%	28.7%	White	306	70.8%	71.3%
White	799	72.4%	63.1%	White	306	70.8%	71.3%	Chi-square, X-tab <sup>6</sup> :		.929	not sig.
Chi-square, X-tab <sup>6</sup> : .001* sig.				Odds ratio Exp(B) <sup>7</sup> : .616* sig.				Odds ratio Exp(B) <sup>7</sup> : .912 not sig.			

<sup>6</sup>Sig. Chi-square indicates observed pattern in X-tab table is real, and not due to chance alone

<sup>7</sup>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 <sup>8</sup>							
	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 <sup>6</sup> : .000* sig.							

<sup>8</sup>Analyzes total citations issued by department, including multiple-citation encounters and crashes

Appendix D **2021 List of Departments Not Analyzed**<sup>41</sup>

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

<sup>41</sup>These 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**<sup>42</sup>

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

<sup>42</sup>These 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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